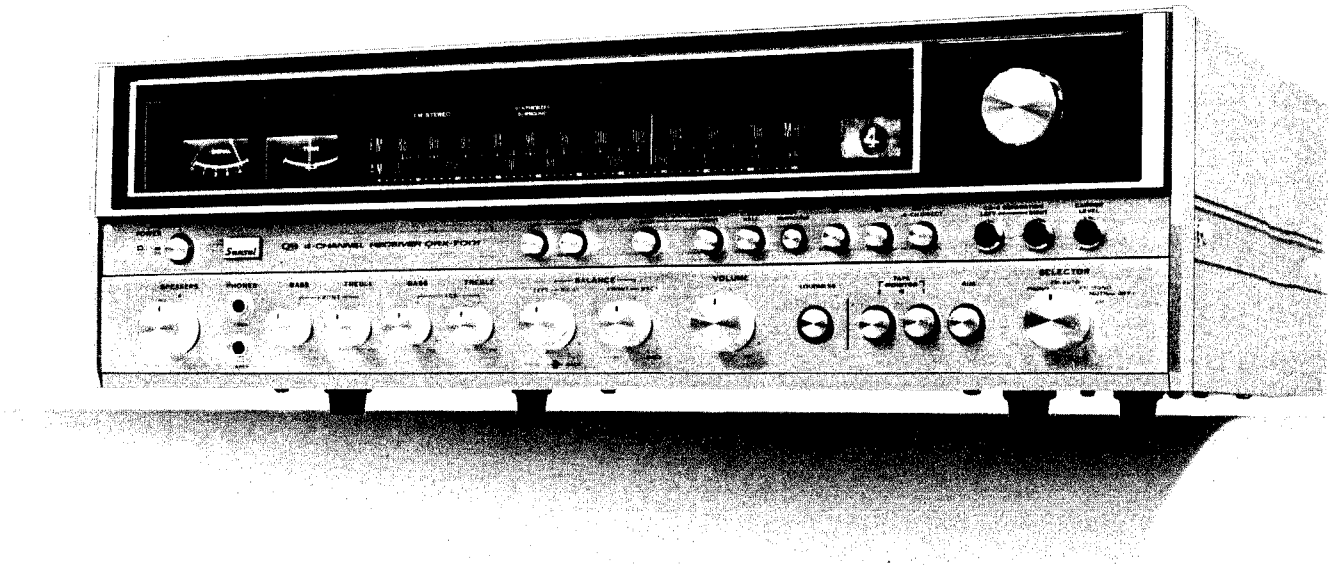
QS
4-CHANNEL STEREO

SERVICE MANUAL

4-CHANNEL RECEIVER

SANSUI QRX-7001



Sansui

SANSUI ELECTRIC CO., LTD.

This service manual is designed for service engineers to repair, adjust, maintain and order the replacement parts of the QRX-7001 correctly.
When ordering the parts, use the stock number and parts name specifically referring to the Parts Locations & Parts Lists.
For general usage and maintenance of the unit, please refer to the Operating Instructions attached with the unit.

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1. SPECIFICATIONS

AUDIO SECTION

CONTINUOUS RMS POWER OUTPUT
.....35W per channel × 4
(four channels driven)
LOAD IMPEDANCE 8Ω
POWER BAND .....20 to 20,000Hz
TOTAL HARMONIC DISTORTION
.....less than 0.4% (from AUX)
Music power(IHF).....280W (4Ω 1,000Hz)
220W (8Ω 1,000Hz)
Continuous rms power output..45W×4 (8Ω 1,000Hz)
45W×2 (two channels driven, 8Ω 1,000Hz)
INTERMODULATION DISTORTION (at rated power output 70Hz : 7,000Hz=4 : 1 SMPTE method)
.....less than 0.4% (from AUX)
FREQUENCY RESPONSE (at 1 Watt output)
.....15 to 30,000Hz ±1dB
EQUALIZATION.....(RIAA curve)
30 to 15,000Hz ±1dB
DAMPING FACTOR 10 (8Ω)
INPUT SENSITIVITY AND IMPEDANCE (1,000Hz, for rated output)
2-CHANNEL PHONO.....2.5mV 50KΩ
(max. input capability; more than 150mV at 0.5% distortion)
4-CH./2-CH. AUX 100mV 50KΩ
4-CH./2-CH. TAPE-1
PLAY Pin Jacks 100mV 50KΩ
REC/PLAY DIN Socket ..100mV 50KΩ
4-CH./2-CH. TAPE-2
PLAY Pin Jacks 100mV 50KΩ
RECORDING OUTPUT
4-CH./2-CH. TAPE-1
REC Pin Jacks 100mV
REC/PLAY DIN Socket ..30mV
4-CH./2-CH. TAPE-2
REC Pin Jacks 100mV
CHANNEL SEPARATION (at 1,000Hz)
2-CH. PHONO .....better than 50dB
4-CH./2-CH. AUX .....better than 50dB
HUM AND NOISE (IHF)
2-CH. PHONO .....better than 70dB
4-CH./2-CH. AUX .....better than 80dB
SWITCHES AND CONTROLS
BASS .....+10dB, −10dB, at 50Hz
TREBLE .....+10dB, −10dB, at 10,000Hz
LOUDNESS .....+8dB at 50Hz
+3dB at 10,000Hz
FILTERS
LOW (front & back) ....−10dB at 50Hz (6dB/oct.)
HIGH (front & back) ....−10dB at 10,000Hz (6dB/oct.)
QS SYNTHESIZER/DECODER
.....QS regular matrix system with QS Vario-Matrix circuit
CD-4 DEMODULATOR
Input Sensitivity..... 2.5mV (1 to 10mV adjustable)
Input Impedance 50KΩ
Separation (standard test signal at 1,000Hz)
Left to Right 40dB
Front to Back 25dB
Frequency Response (standard test signal at REC output)
.....30 to 15,000Hz
(main-channel)

TUNER SECTION

<FM>
TUNING RANGE.....88 to 108MHz
SENSITIVITY (IHF) 1.9μV
(max. input capability: more than 120dB)
TOTAL HARMONIC DISTORTION
MONO.....less than 0.3%
STEREO.....less than 0.5%
SIGNAL TO NOISE RATIO (mono)
.....better than 70dB
SELECTIVITY .....better than 70dB
CAPTURE RATIO (IHF).....less than 1.5dB
IMAGE REJECTION .....better than 75dB
IF REJECTION .....better than 90dB
SPURIOUS RESPONSE .....better than 80dB
STEREO SEPARATION (at 1,000Hz)
.....better than 40dB
FREQUENCY RESPONSE ....30 to 15,000Hz $^{+0.5}_{-3.0}$ dB
FM DE-EMPHASIS 50μS, 75μS
ANTENNA INPUT IMPEDANCE
.....300Ω Balanced,
75Ω Unbalanced

<AM>
TUNING RANGE .....535 to 1,605KHz
SENSITIVITY (bar antenna) ..53dB/m
SELECTIVITY .....better than 30dB
IMAGE REJECTION .....better than 80dB/m
IF REJECTION .....better than 80dB/m

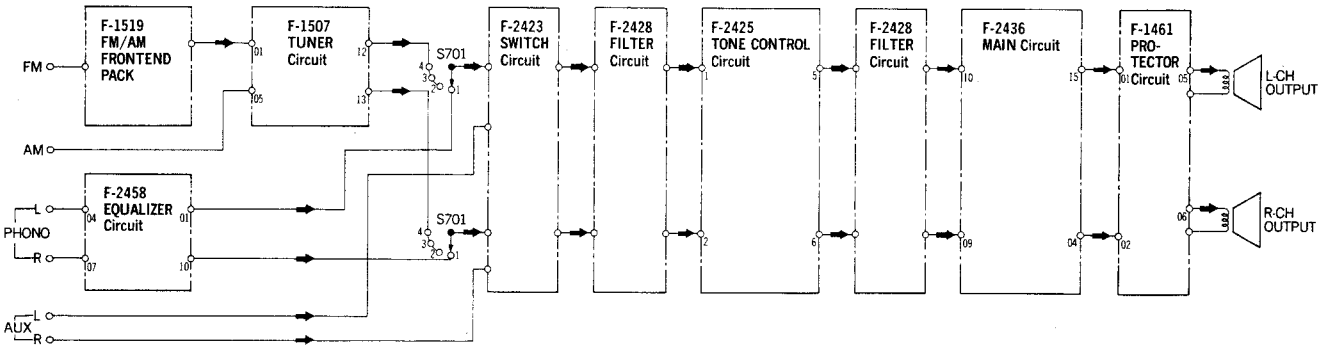
OTHERS

SEMICONDUCTORS
Transistors 107
FETs 9
Diodes 56
Zener Diodes 8
ICs..... 9
POWER REQUIREMENTS
Voltage.....100, 117, 220, 240V 50/60Hz
Consumption .....220W (rated)
DIMENSIONS .....540mm (21 5/16") W
161mm (6 3/8") H
403mm (15 7/8") D
WEIGHT .....23.8 Kg (52.5 lbs) net,
26.5 Kg (58.4 lbs) packed

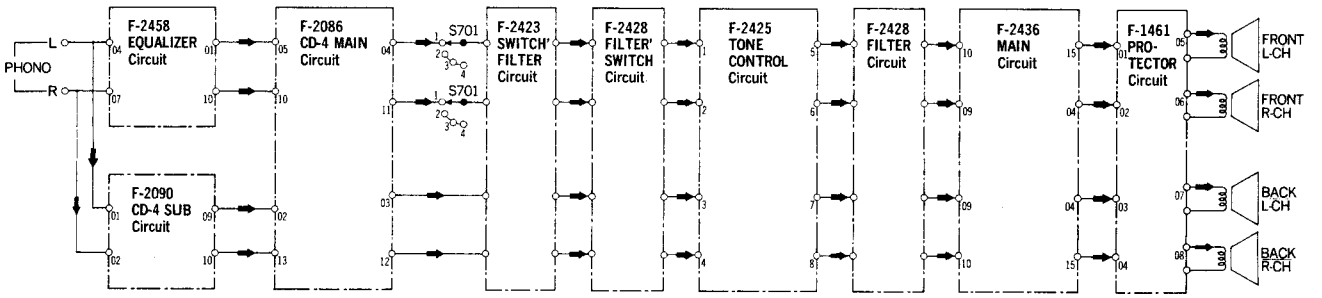
* Design and specifications subject to change without notice for improvements.

2. BLOCK DIAGRAM

2-CH DIRECT OPERATIVE BLOCK DIAGRAM

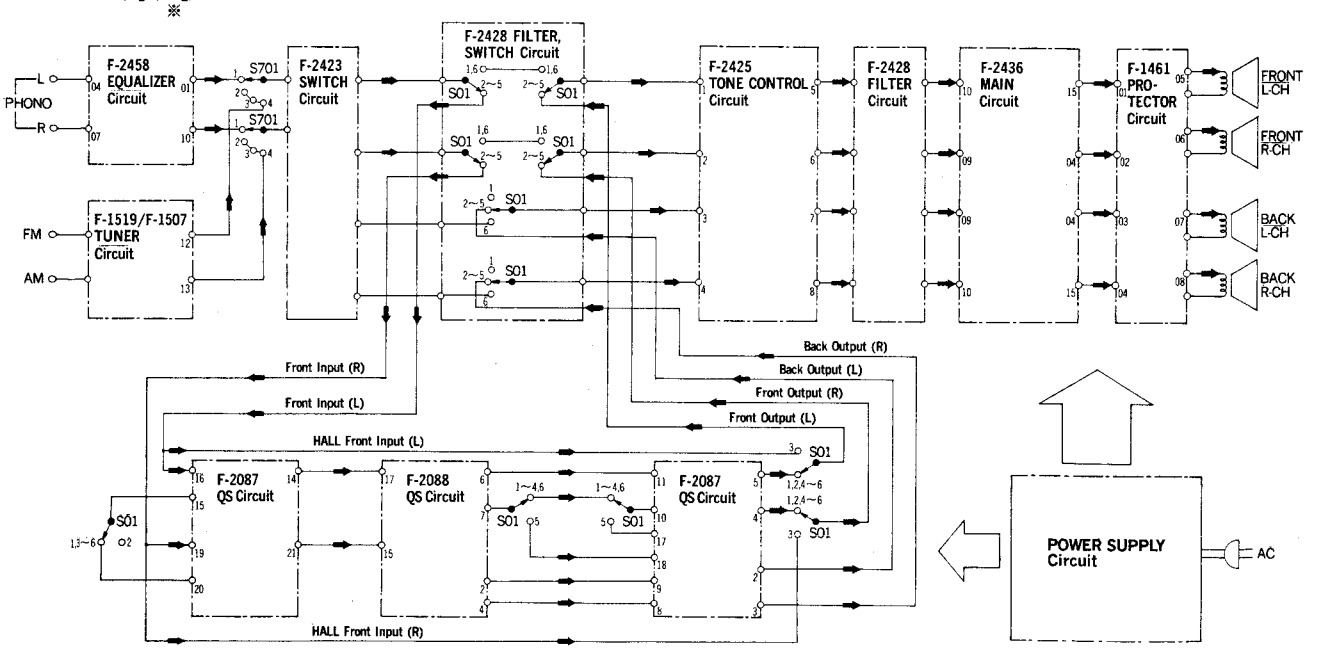


CD-4/4-CH DIRECT OPERATIVE BLOCK DIAGRAM



SYNTHESIZER, QS, SQ, OPERATIVE BLOCK DIAGRAM

※

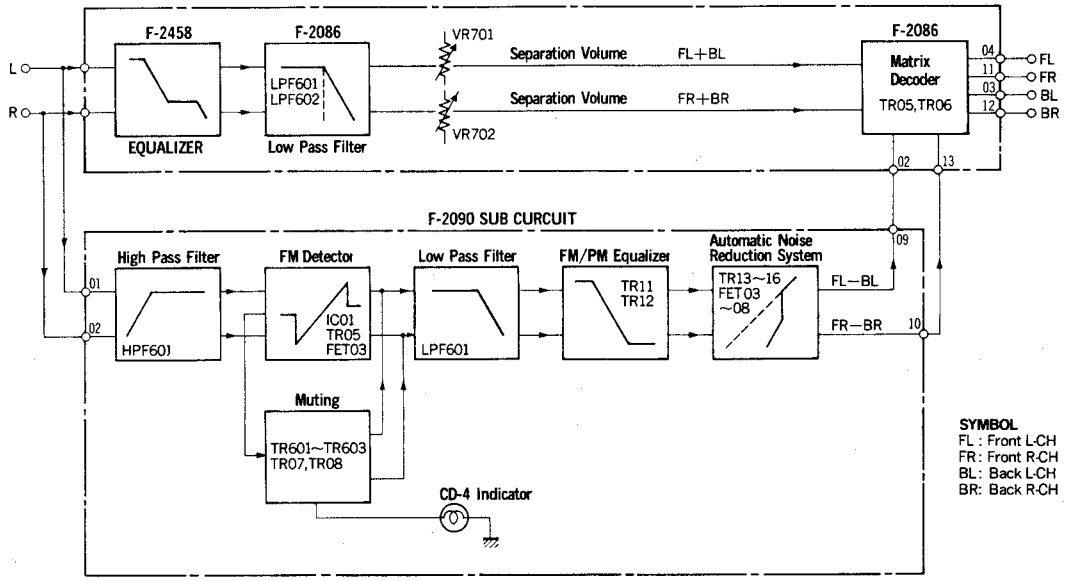


S701: SELECTOR
1. PHONO
2. FM AUTO
3. FM MONO (FM MUT. OFF)
4. AM

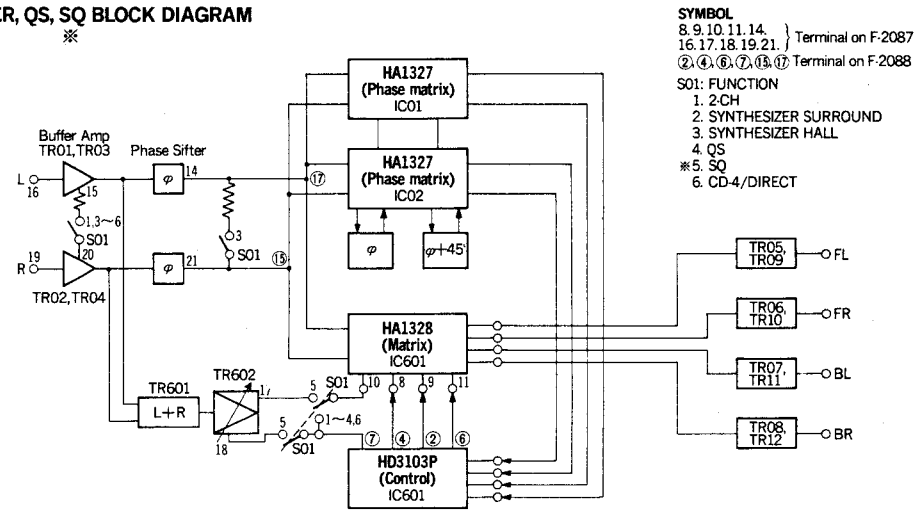
S01: FUNCTION
1. 2-CH
2. SYNTHESIZER SURROUND
3. SYNTHESIZER HALL
4. QS
※5. SQ
6. CD-4/DIRECT

※SQ is a trade mark of CBS, INC"

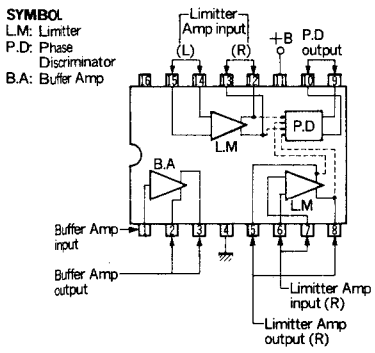
CD-4/4-CH DIRECT BLOCK DIAGRAM



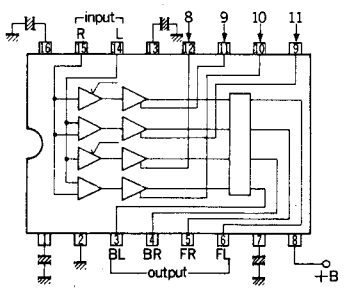
SYNTHESIZER, QS, SQ BLOCK DIAGRAM ※



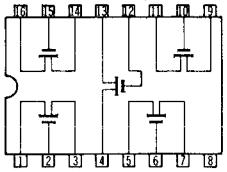
HA1327 (Phase matrix-IC)



HA1328 (Matrix-IC)



HD3103P (Control-IC)



3. ALIGNMENTS AND ADJUSTMENTS

Abbreviation

Equipment

AM FM Generator Oscilloscope ..... Genescope
AM Standard Signal Generator ..... AM SSG
FM Standard Signal Generator ..... FM SSG
FM Stereo Generator ..... Stereo SG
Oscilloscope ..... Scope
Audio Oscillator ..... Audio Osc.
Distortion Meter ..... Dist. Meter

Others

Clockwise ..... CW.
Counterclockwise ..... CCW.
Antenna ..... ANT.
Modulation ..... MOD.

3-1. Driver Circuit Board Adjustment (See Figs. 3-1 and 3-2)

Note: 1. Master Volume ..... Minimum
2. Speaker Selector ..... SYSTEM (A)
3. Make the SP terminals free (no load).
4. Confirm the AC power Supply voltage.
5. After adjustment, run the unit for more than 5 minutes, then check and readjust necessary.
6. Room temperature should be 18~28° (65~83°F) for bias current adjustment.

STEP	SUBJECT	EQUIPMENT	MEASURE OUTPUT	ADJUST	ADJUST FOR	CONDITION
1	DC 0V Front L-CH	DC volt meter	Speaker terminal Front L-CH Fig. 3-1	F-2436 VR01 Fig. 3-2	0V ±10mV	◦Step down meter's range accordingly ◦Change lead's polarity if meter swings backward
2	DC 0V Front R-CH	DC volt meter	Speaker terminal Front R-CH Fig. 3-1	F-2436 VR02 Fig. 3-2	0V ±10mV	Same as above
3	DC 0V Rear L-CH	DC volt meter	Speaker terminal Rear L-CH Fig. 3-1	F-2436 VR01 Fig. 3-2	0V ±10mV	Same as above
4	DC 0V Rear R-CH	DC volt meter	Speaker terminal Rear R-CH Fig. 3-1	F-2436 VR02 Fig. 3-2	0V ±10mV	Same as above
5	Bias current Front L-CH	DC milliammeter	F-2427 F01 Fig. 3-2	F-2436 VR03 Fig. 3-2	30 ±3mA	Same as above
6	Bias current Front R-CH	DC milliammeter	F-2427 F02 Fig. 3-2	F-2436 VR04 Fig. 3-2	30 ±3mA	Same as above
7	Bias current Front L-CH	DC milliammeter	F-2427 F05 Fig. 3-2	F-2436 VR03 Fig. 3-2	30 ±3mA	Same as above
8	Bias current Rear R-CH	DC milliammeter	F-2427 F06 Fig. 3-2	F-2436 VR03 Fig. 3-2	30 ±3mA	Same as above

Fig. 3-1

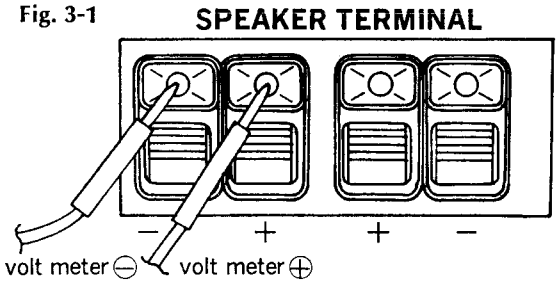
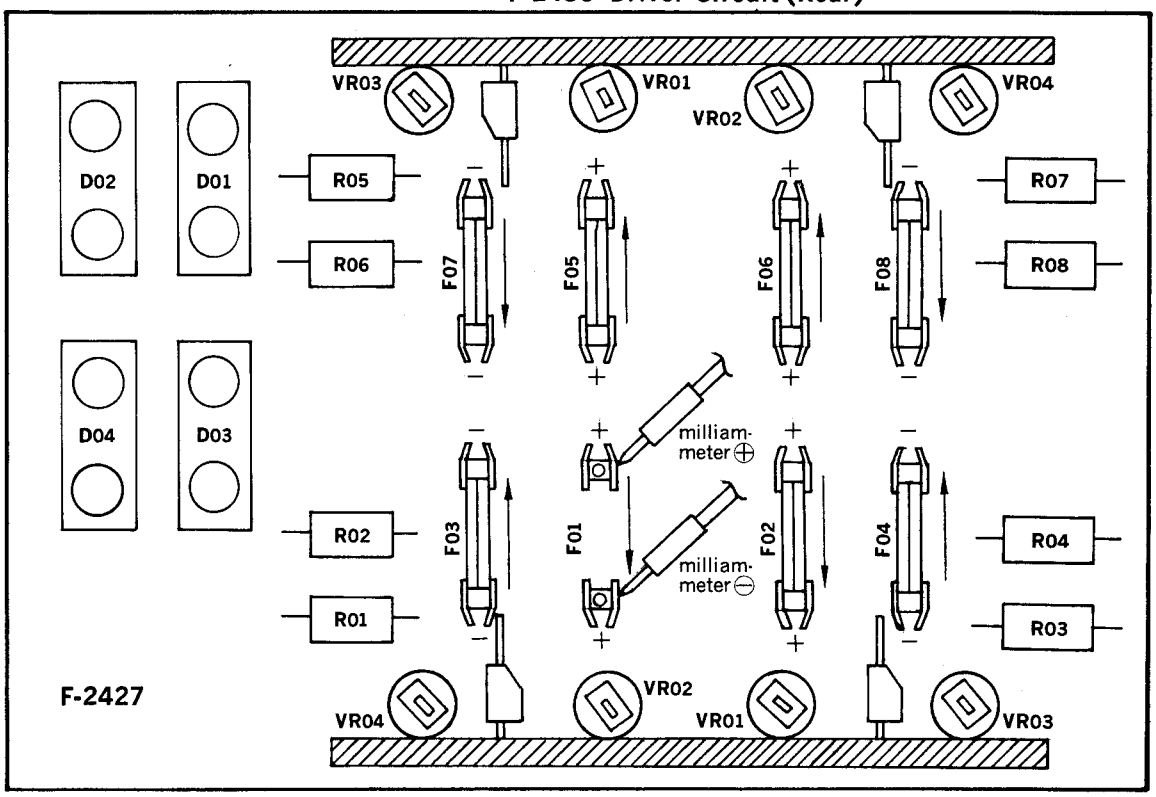


Fig. 3-2

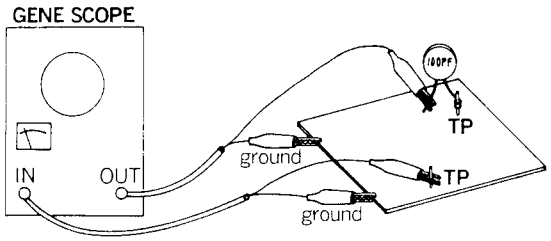
F-2436 Driver Circuit (Rear)

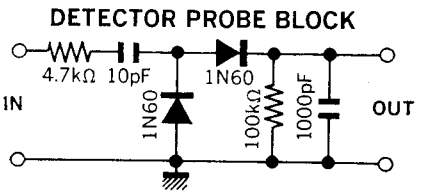


F-2436 Driver Circuit (Front)

3-2. FM IF Alignment (See Figs. 3-6, 3-7 and 3-9 on page 10)

Note: 1. Selector.....FM MONO
2. Master Volume .....Minimum
3. Output level of genescope .....After attenuator
4. Sweepwidth.....1.5~2cm/150kHz
5. Frequency band .....9.5~11.5MHz
6. Connection .....Connect the output of genescope to TP.01 through 100pF ceramic capacitor.

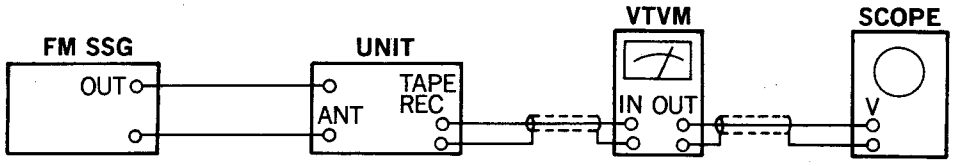




STEP	SUBJECT	FEED SIGNAL FROM	FEED SIGNAL TO	MEASURE OUTPUT	ADJUST	ADJUST FOR	CONDITION
1	IF coil	Output 65dB Genescope	F-1519 TP01 Fig. 3-8	F-1507 TP01 Use Detector Probe	F-1519 L05	Max. IF waveform 1 as Fig. 3-6	
2	Descriminator coil	Output 70dB Genescope	Same as above	F-1507 TP.03 Direct from Genescope	F-1507 T01 T02	Max. linearity of S curve Set the center of S curve to of waveform 3 as Fig. 3-6	

3-3. FM Dial Calibration and RF Alignment (See Fig. 3-8 on page 10)

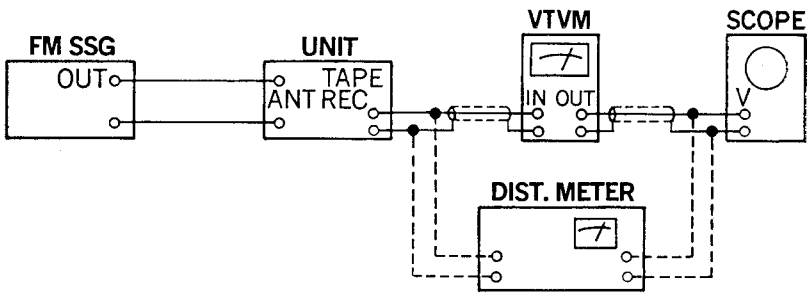
Note: 1. Selector .....FM MONO
2. Master Volume.....Minimum
3. Confirm start point of dial pointer before alignment.



STEP	SUBJECT	FEED SIGNAL FROM	FEED SIGNAL TO	MEASURE OUTPUT	ADJUST	ADJUST FOR	CONDITION
1	90MHz Dial Calibration	90MHz ANT input 60dB 400Hz (100% MOD) FM SSG	ANT terminal 300Ω	REC OUT L or R-ch VTVM & Scope	F-1519 L06	Max. output	◦Set Dial on 90MHz
2	106MHz Dial Calibration	106MHz ANT input 60dB 400Hz (100% MOD) FM SSG	Same as above	Same as above	F-1519 TC04	Same as above	◦Set Dial on 106MHz
3	Confirm 90MHz Dial Calibration	Same as Step 1	Same as above	Same as above		Confirm 90MHz Dial Calibration	◦If not, repeat from Step 1
4	Confirm 106MHz Dial Calibration	Same as Step 2	Same as above	Same as above		Confirm 106MHz Dial Calibration	◦If not, repeat from Step 2
5	90MHz RF Adj.	90MHz ANT input 50dB 100Hz (100% MOD) FM SSG	Same as above	Same as above	F-1519 L01, L02, L03	Max. output	◦Tune FM SSG (Max. Signal Meter)
6	106MHz RF Adj.	106MHz ANT input 50dB 400Hz (100% MOD) FM SSG	Same as above	Same as above	F-1519 Trimmer TC01, TC02 TC03	Same as above	Same as above

3-4. FM Signal Meter, Mono Distortion and Muting Adjustment (See Fig. 3-7 on page 10)

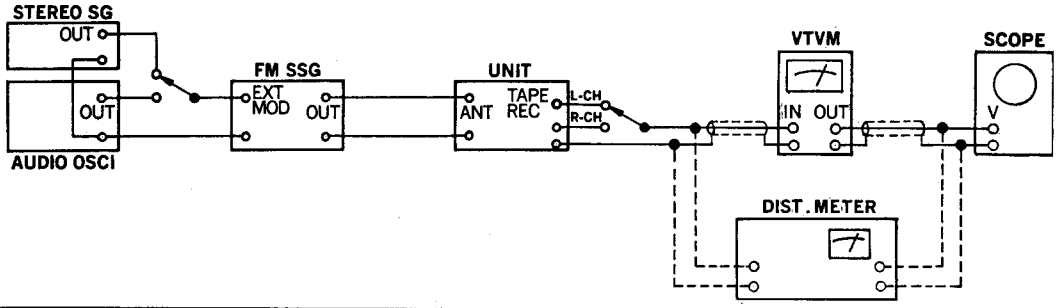
Note: 1. Selector .....FM MONO
2. Master Volume.....Minimum



STEP	SUBJECT	FEED SIGNAL		MEASURE OUTPUT	ADJUST	ADJUST FOR	CONDITION
		FROM	TO				
1	Signal Meter	98MHz ANT input 60dB 400Hz (100% MOD) FM SSG	ANT terminal 300Ω	Signal Meter	VR02	4.3 on meter	◦Tune FM SSG (Max. indication of Signal Meter) ◦Before adjustment, if meter swings out or not enough, preadjust VR02 until the reasonable point
2	Distortion	Same as above	Same as above	REC OUT L or R-ch Dist. meter & Scope	T02	Min. distortion	◦Tune FM SSG (Max. indication of signal meter)
3	Tune Meter	Same as above	Same as above	TUNE Meter	VR01	Center on Tune Meter	◦Tune the Tune Meter to Center even FM inter-station noise
4	Muting Level	98MHz ANT input 32dB 400Hz (100% MOD) FM SSG	Same as above	REC OUT L or R-ch VTVM & Scope	VR04	Audio signal just muted	

3-5. MPX Alignment (See Fig. 3-7 on page 10)

Note: 1. Selector .....FM AUTO
2. Master Volume .....Minimum

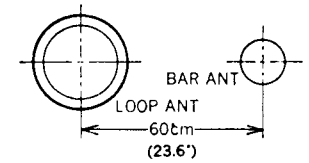


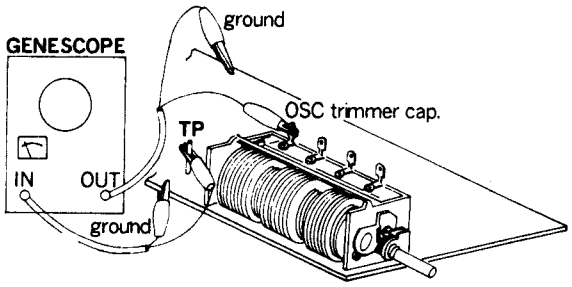
STEP	SUBJECT	FEED SIGNAL		MEASURE OUTPUT	ADJUST	ADJUST FOR	CONDITION
		FROM	TO				
1	19kHz coil	98MHz ANT input 60dB FM SSG Pilot 19kHz (10% MOD) L-ch 1kHz (45% MOD) R-ch (0% MOD) Stereo SG	ANT terminal 300Ω	REC OUT L-ch VTVM & Scope	L05	Max. output	◦Tune FM SSG (Max. indication of signal meter)
2	Separation	Same as above	Same as above	REC OUT R-ch VTVM & Scope	VR03	Min. output	
3	Confirm Distortion	Same as above	Same as above	REC OUT L-ch Dist. meter & Scope			◦If over than 0.5% slightly adjust L05
4	Confirm Separation	98MHz ANT input 60dB FM SSG Pilot 19kHz (10% MOD) L-ch (0% MOD) R-ch 1kHz (45% MOD) Stereo SSG	Same as above	REC OUT L-ch VTVM & Scope			◦If less than 40dB adjust VR03

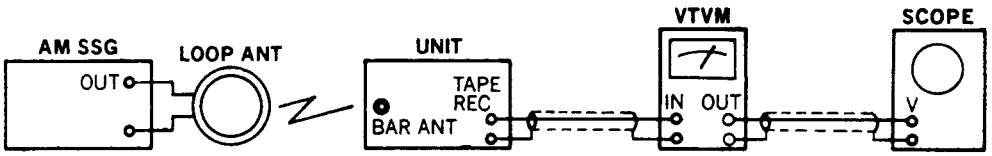
3-6. AM IF, Dial Calidration, RF and Signal Meter Alignmeut (See Figs. 3-4, 3-5, 3-7 and 3-8 on page 10)

Note: 1. Selector.....AM
2. Master Volume .....Minimum
3. Confirm start point of dial pointer before alignment.
4. The loop antenna is required to obtain complete adjustment for AM RF circuit. In this case, as the electro-magnetic field is attenuated by the distance between the loop antenna and BAR ANT, increase more 26dB by attenuator of AM SSG than each ANT input level show in the following steps. (See Fig. 3-3)
5. After adjustment of signal meter, confirm the meter's swing on FM. (If meter swang out or not enough, readjust VR02.) (See Page 7, 8)

Fig. 3-3







STEP	SUBJECT	FEED SIGNAL FROM	FEED SIGNAL TO	MEASURE OUTPUT	ADJUST	ADJUST FOR	CONDITION
1	IF coil	Output 70dB Genescope	OSC trimmer cap. TC05 Fig. 3-8	TP04 (Fig. 3-7)	T04	Max. IF wave-form as Fig. 3-4	○Turn core T08 & T09 CCW.
2	IF coil	Output 60dB Genescope	Same as above	TP04	LC02	Max. IF wave-form 2 Fig. 3-5	○If not, readjust 1 & 2 slightly
3	535kHz Dial calibra-tion	535kHz ANT input 60dB 400Hz (30% MOD) AM SSG	ANT terminal	REC OUT L or R-ch VTVM & Scope	T03	Max. output	○If broadcasting station is near, it might be used
4	1400kHz Dial Calibra-tion	1400kHz ANT input 60dB 400Hz (30% MOD) AM SSG	Same as above	Same as above	Trimmer TC05	Same as above	Same as above
5	Confirm 535kHz Dial Calibra-tion	535kHz ANT input 60dB 400Hz (30% MOD) AM SSG	Same as above	Same as above		Confirm 535kHz Dial Calibration	○If not, repeat from Step 3
6	Confirm 1400kHz Dial Calibra-tion	1400kHz ANT input 60dB 400Hz (30% MOD) AM SSG	Same as above	Same as above		Confirm 1400kHz Dial Calibration	○If not, repeat from Step 4
7	Confirm 1000kHz Dial Calibra-tion	1000kHz ANT input 60dB 400Hz (30% MOD) AM SSG	Same as above	Same as above		Confirm 1000kHz Dial Calibration	○If not, repeat from Step 3, 4
8	600kHz RF Adj.	600kHz ANT input 50dB 400Hz (30% MOD) AM SSG	Same as above	Same as above	Bar ANT L701	Max. output	
9	1400kHz RF Adj.	1400kHz ANT input 50dB 400Hz (30% MOD) AM SSG	Same as above	Same as above	Trimmer TC06	Same as above	

Fig. 3-4

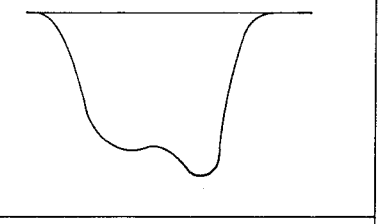


Fig. 3-5

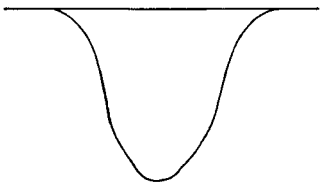


Fig. 3-6

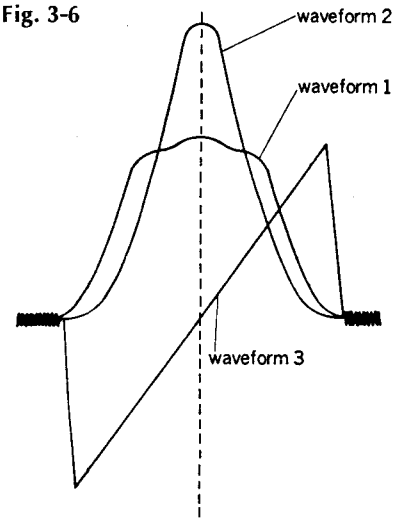


Fig. 3-7

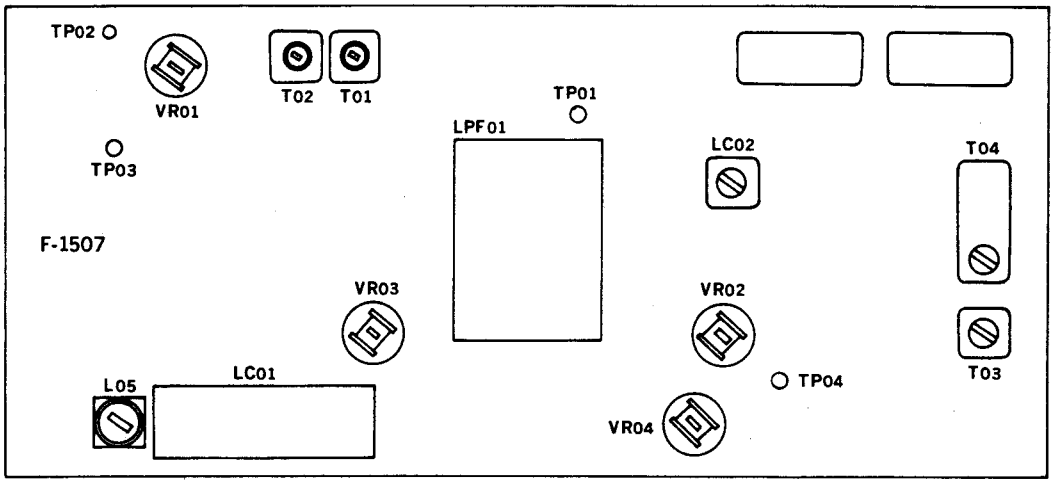


Fig. 3-8

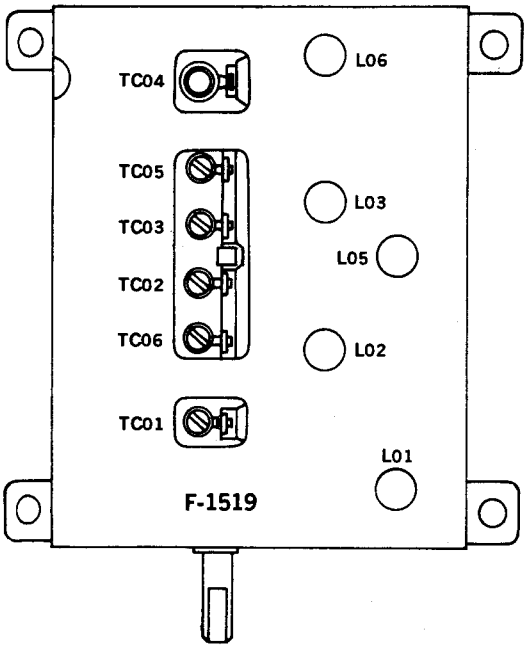
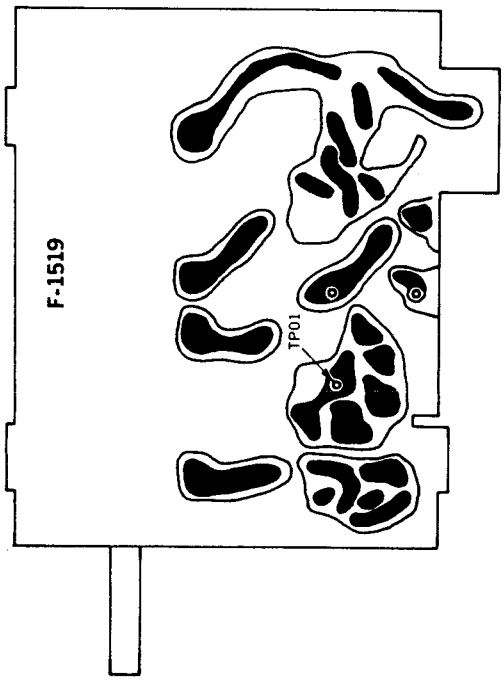
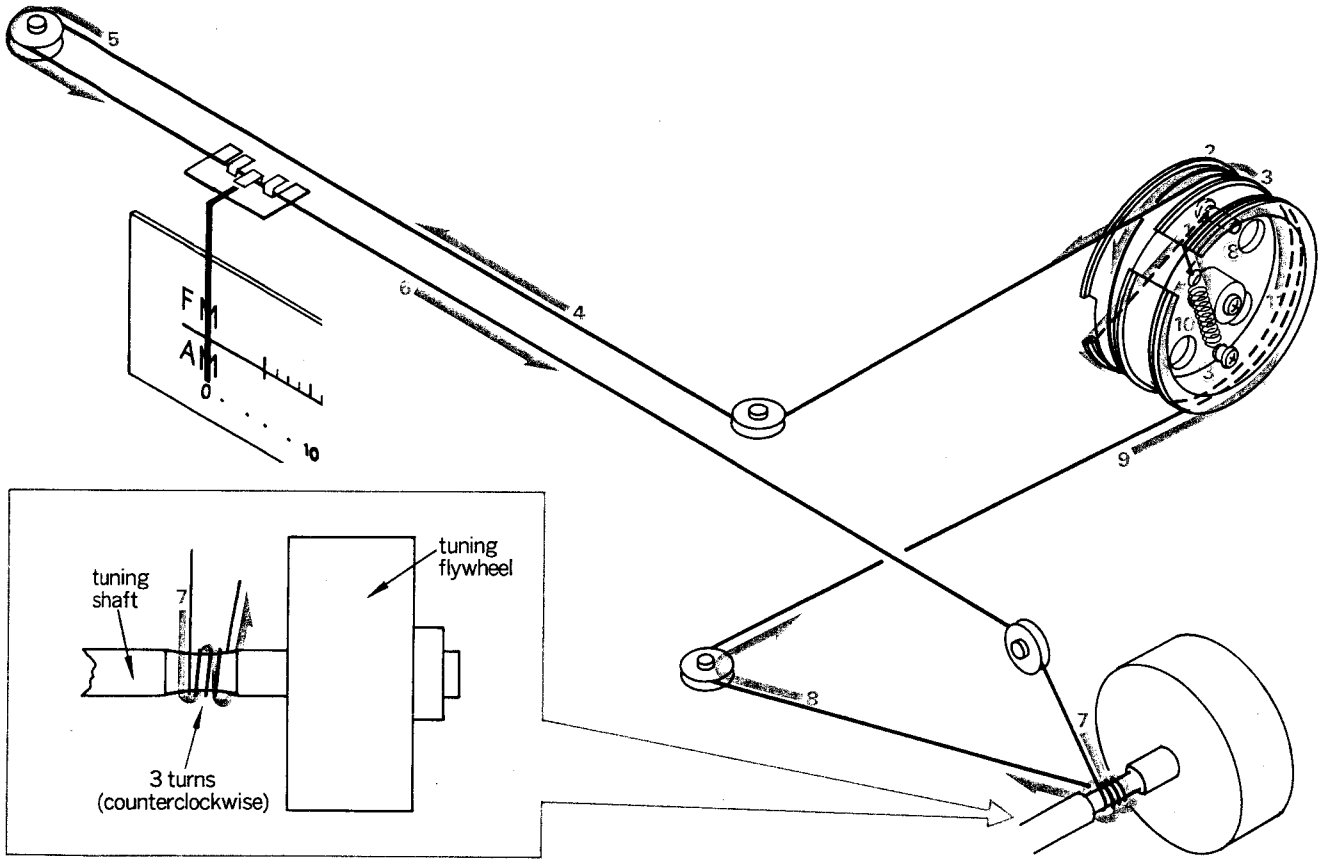


Fig. 3-9



4. THREADING OF DIAL CORD



1. Threading of Dial Cord

Thread dial cord in numerical order from 1 to 11 as shown in Fig. 3-1.

1) Close the variable capacitor completely (Max. capacitance) and tie cord to number ⑧ screw of the dial pulley.
2) Thread cord in the direction of arrow from 1 to 6 then wind cord three turns around the tuning shaft counterclockwise.
3) Thread cord in the direction of arrow from 7 to 8 then wind it 1½ turns on the dial pulley from to 11.
4) After 11 tie cord to dial spring of the dial pulley.
   *When you perform procedure 4) successfully, please refer to the followings.
   ①To strengthen the dial cord tension, hold around the end of cord and pull it toward the Front Panel.
   ②Then, turn tuning shaft counterclockwise, as the cord tension will be more constantly obtained.
   ③Tie the cord to dial spring of the dial pulley (same as procedure 4).
5) After procedures, lock the knots of cord with paint.

Stock No.	Description
6036050	Dial Cord (0.6mmφ)
6906041	Spring (G)

5. TROUBLESHOOTING CHART

5-1. Troubleshooting on Power Supply Section

Symptom	Check Point	Cause & What to Do
1. Each lamp not lighted		1. Imperfect contact of power supply plug
		2. Power fuse, F701 opens
		3. Defective power switch, S11
		4. F05 on F-2456 opens
2. Each indicator lamp not lighted		5. Defective diode, D06 on F-2427
		6. Defective FUNCTION switch, S01 (i, j)

5-2. Troubleshooting on Main Circuit Section

1. Both channels inoperative

1-1. +37V Supplied to terminal [13], [06] on F-2436		7. Defective Relay, S01 (a, b) on F-1461
		8. Defective TR01, TR02 on F-1461
		9. F06 on F-2456 opens

2. One channel inoperative

2-1. Quick acting fuse on F-2427 opens		
1) DC bias Current not adjustable		10. Defective Power transistor, TR701, TR705 (TR702, TR706)
		11. Defective TR11, TR13 (TR12, TR14) on F-2436
		12. Defective TR07 (TR08) on F-2436
2) DC bias current adjustable		13. Change quick acting fuse
3. Quick acting fuse on F-2427 not opens		14. Defective TR01, TR03, TR05, TR09 (TR02, TR04, TR06, TR10) on F-2436

5-3. Troubleshooting on Tone Control Circuit Section

1. Both channels inoperative

1-1. +38V not supplied to emitter of TR01 on F-2428		1. Defective TR01~TR03 on F-2428

2. One channel inoperative

2-1. Reverse two lead wire connections from the output terminals of [05] and [06] on F-2425		
1) Inoperative channel reverses		2. Defective main circuit section
2) Inoperative channel not reverses		3. Defective TR01, TR05, TR09 (TR02, TR06, TR10) on F-2425

5-4. Troubleshooting on Phono Circuit Section

1. Both channels inoperative

1-1. +36V not supplied to terminals of [05], [06] on F-2458		1. Defective power supply section

2. One channel inoperative

2-1. Reverse two lead wire connections from the input terminal of [04] and [07] on F-2458		
1) Inoperative channel reverses		2. Imperfect contact of turntable output cord
		3. Defective turntable
2) Inoperative channel not reverses		4. Defective TR01, TR03, TR05 (TR02, TR04, TR06) on F-2458

5-5. Troubleshooting on Tuner Circuit Section

Symptom — **Chack Point** — **Cause & What to Do**

1. Both FM and AM inoperative

1-1. +12V not supplied to emitter of TR01 on F-2431
- 1. Defective TR01 on F-2431
- 2. Defective ZD01 on F-2431

1-2. +12V supplied to emitter of TR01 on F-2431
- 3. Defective IC05 on F-1507
- 4. Defective L.P.F on F-1507

2. FM inoperative

2-1. +12V not supplied to terminal of [17] on F-1507
- 5. Defective C03, C04, C07, C11, C15 on F1507

2-2. +12V not supplied to terminal of [18] on F-1507
- 6. Defective frontend pack, F-1519

2-3. +12V supplied to terminals of [17], [18] on F-1507

1) Signal meter inoperative (Meter circuit on F-1507 is normally operative)
- 7. Incorrect adjustment of frontend pack, F-1516
- 8. Defective frontend pack, F-1519
- 9. Defective TR01~TR04 on F-1507
- 10. Defective CF01, CF02 on F-1507

2) Signal meter operative
- 11. Defective IC01~IC03 on F-1507
- 12. Defective diode, D01, D02 on F-1507
- 13. Defective discriminator coil, T01, T02, or out of adjustment

3. Inoperative MPX circuit

3-1. FM reception inoperative when setting SELECTOR switch to FM AOUT
- 14. Poor sensitivity due to incorrect tracking IF adjustment
- 15. Incorrect adjustment of muting volume, VR04

3-2. FM muting function inoperative
- 16. Defective Selector, S701 (f)
- 17. Defective muting volume, VR04

3-3. MPX signal including R and L-ch not supplied to points [11], [12], of IC04
- 18. Defective IC04 on F-1507

3-4. No channel separation and stereo indicator not lighted
- 19. Defective L05, LC01 on F-1507 or out of adjustment
- 20. Defective separation volume, VR03
- 21. Incorrect adjustment of muting volume, VR04
- 22. Defective muting volume, VR04
- 23. Defective Selector, S701 (g)
- 24. Defective IC05 on F-1507
- 25. Defective TR02 on F-2431
- 26. Defective stereo indicator, PL701

4. Signal meter circuit inoperative

4-1. FM or AM sound can be heard
- 27. Defective transistor, TR05 TR06 on F-1507
- 28. Defective diode, D03~D07 on F-1507
- 29. Defective meter volume, VR02 or out of adjustment
- 30. Defective signal meter

5. AM inoperative

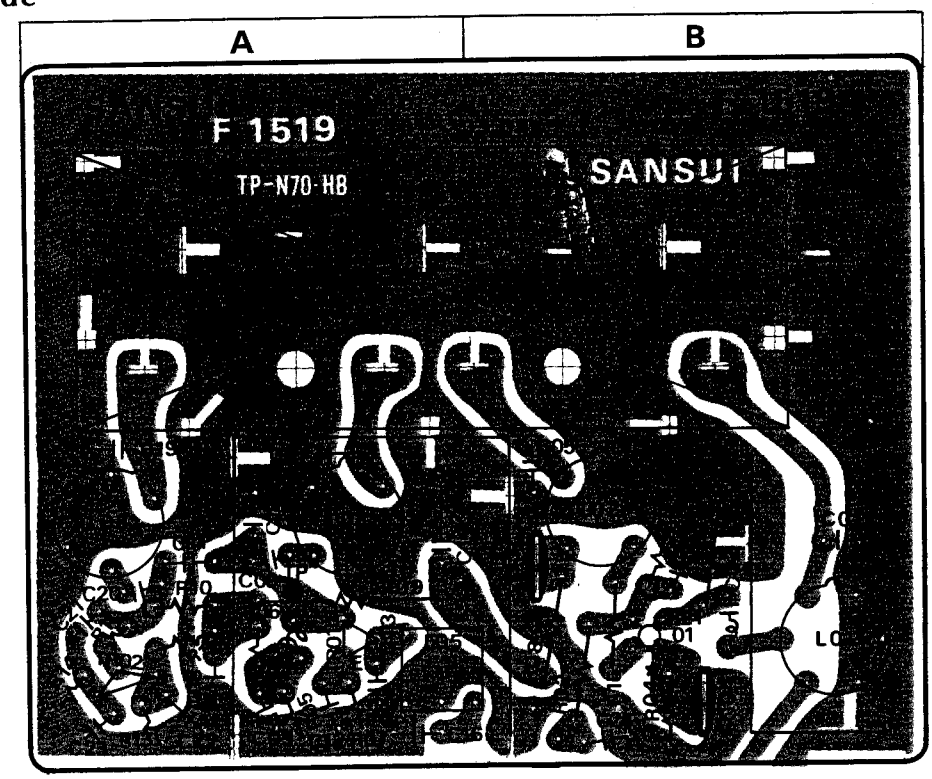
5-1. Signal meter operative (AM sound can not be herad)
- 31. Shorted transistor, TR09 on F-1507
- 32. Defective IC05 on F-1507
- 33. Defective low pass filter, LPF01 on F-1507

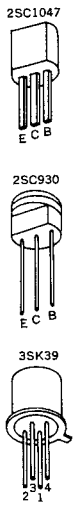
5-2. Signal meter inoperative (AM sound can not be heard)
- 34. Defective IC06 on F-1507
- 35. Bar antenna coil, L701 opened or out of adjustment
- 36. Opened OSC coil T03, IF coil T04 or LC02 on F-1507

6. PARTS LOCATION AND PARTS LIST

6-1. F-1519C FM Frontend Pack (Stock No. 7510650 Complete Circuit Board F-1519C)

Conductor Side





Parts List

Parts No.	Stock No.	Description	Position
TR01	0305800, 1	2SC1047 (A, B) Transistor	A
TR02	0305790, 1	2SC930 (C, D) Transistor	A
FET01	0370131, 2	3SK39 (L, K) FET	B
L01	4200640	FM ANT Coil	B
L02	4210220	FM RF Coil	B
L03	4210220	FM RF Coil	A
L04	4290110	Choke Coil	A
L05	4235910	FM IF Coil	A
L06	4220430	FM OSC Coil	A
TC04	1230090	Trimmer Capacitor	A
VC	1220130	FM AM Variable Capacitor	A
C01	0669342	5.6pF 50V C.C.	B
C02	0657102	1000pF 50V C.C.	B
C03	0657223	0.022μF 50V C.C.	B
C04	0659015	2200pF 50V C.C.	B
C05	0669345	10pF 50V C.C.	B
C06	0679023	0.39pF 500V Gimmick. C.	
C07	0669345	10pF 50V C.C.	A
C08	0669210	10pF 50V C.C.	A
C09	0657102	1000pF 50V C.C.	A
C10	0661220	22pF 50V C.C.	A
C11	0669003	2.2pF 50V C.C.	A
C12	0657223	0.022μF 50V C.C.	A

Parts No.	Stock No.	Description	Position
C13	0660121	120pF 50V C.C.	A
C14	0657223	0.022μF 50V C.C.	A
C16	0660331	330pF 50V C.C.	A
C17	0659015	2200pF 50V C.C.	B
C18	0657223	0.022μF 50V C.C.	A
C19	0669350	15pF 50V C.C.	A
C20	0657102	1000pF 50V C.C.	A
C21	0669369	8.2pF 50V C.C.	A
C22	0657223	0.022μF 50V C.C.	A
C23	0669221	22pF 50V C.C.	A
C24	0667223	22000pF 50V C.C.	B
R01	0106105	1MΩ ¼W C.R. (E.L.R)	B
R02	0113104	100kΩ ¼W S.R.	B
R03	0113104	100kΩ ¼W S.R.	B
R04	0106101	100Ω(3SK41(L, B)) ¼W C.R.	B
	0106151	150Ω(3SK41(K,C)) ¼W C.R.	
R05	0106392	3.9kΩ ¼W C.R.	A
R06	0106123	12kΩ ¼W C.R.	A
R07	0106392	3.9kΩ ¼W C.R.	A
R08	0113121	120Ω ¼W S.R.	B
R09	0113271	270Ω ¼W S.R.	A
R10	0106392	3.9kΩ ¼W C.R.	A
R11	0106121	120Ω ¼W C.R.	A
R12	0106682	6.8kΩ ¼W C.R.	A
R13	0106222	2.2kΩ ¼W C.R.	A
R14	0106182	1.8kΩ ¼W C.R.	A
R15	0113470	47Ω ¼W S.R.	B

6-2. F-1507C Tuner Circuit Board (Stock No. 7521000 Complete Circuit Board F-1507C)

Parts List

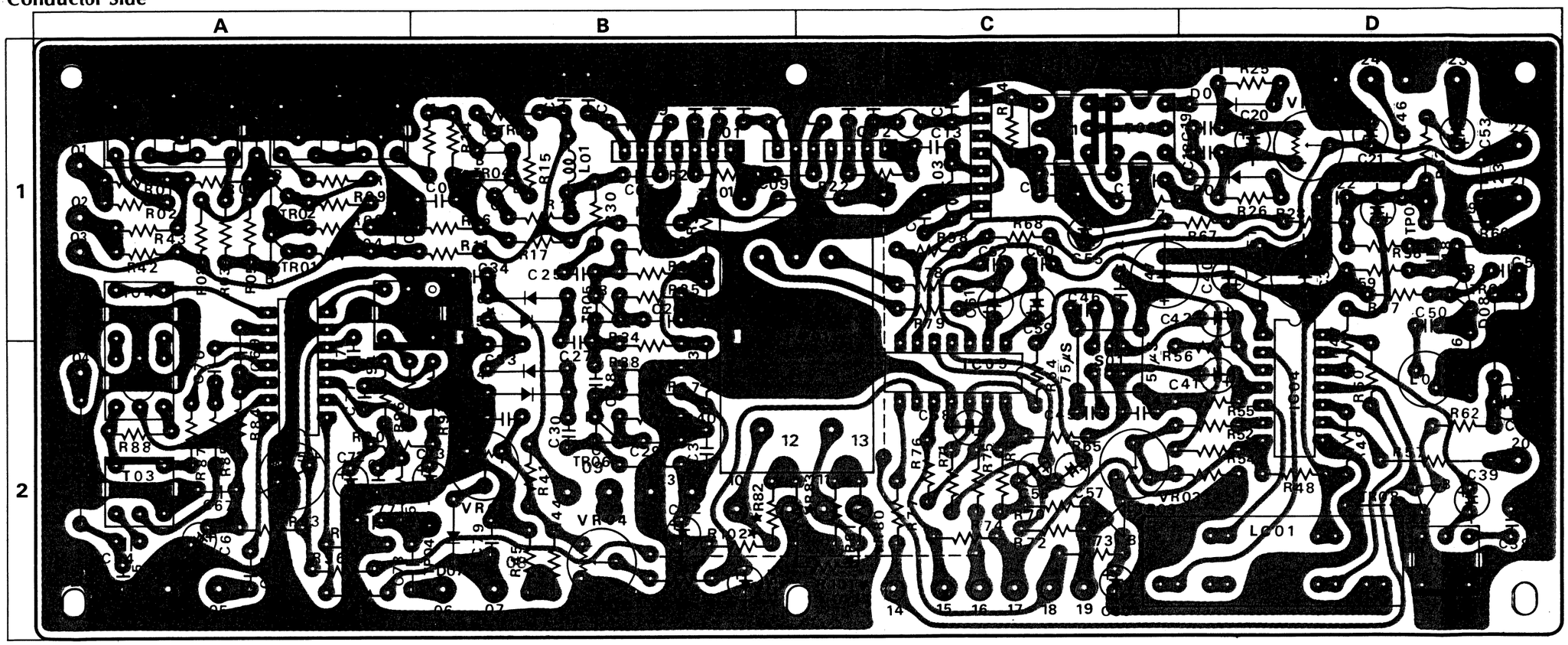
Parts No.	Stock No.	Description	Position
TR01	0306112, 3	2SC738 (C, D)	1 A
TR02	0306112, 3	2SC738 (C, D)	1 A
TR03	0306112, 3	2SC738 (C, D)	1 B
TR04	0306112, 3	2SC738 (C, D) Transistor	1 B
TR05	0306112, 3	2SC738 (C, D)	1 B
TR06	0306112, 3	2SC738 (C, D)	2 B
TR09	0305731, 2	2SC711 (E, F)	2 C
IC01	0360120	μPC555H	1 B
IC02	0360120	μPC555H	1 B, C
IC03	0360120	μPC555H IC	1 C
IC04	0360080	HA1120	1, 2 D
IC05	0360140	HA1149	2 C
IC06	0360150	HA1151	1, 2 A
D01	0311060	1N60P	1 D
D02	0311060	1N60P	1 D
D03	0310331	1N60	2 B
D04	0310331	1N60	2 B
D05	0310331	1N60 Diode	1 B
D06	0310331	1N60	1 B
D07	0310331	1N60	2 B
D901	0310331	1N60	
T01	4235750	FM Discriminator Coil	1 C
T02	4235760		1 C
T03	4220550	AM OSC Coil	2 A
T04	0910270	Ceramic Filter	1, 2 A
L01	4900200	10μH Inductor Coil	1 B
L02	4900200	10μH Inductor Coil	1 B, C
L03	4900200	10μH Inductor Coil	1 C
L04	4900100	3.3μH Inductor Coil	1 C
L05	4240720	19kHz MPX Coil	2 D
L07	4290011	3.5μH Peaking Coil	2 A
LC01	4240710	MPX Coil Block	2 C, D
LC02	4230620	AM IF Coil	1, 2 A B
LPF01	0910210	Low Pass Filter	1, 2 B C
CF02a	0910150	Ceramic Filter	1 A
CF02b	0910150	Ceramic Filter	1 A
VR01	1035150	22kΩ(B)	1 D
VR02	1035170	47kΩ(B)	2 B
VR03	1035070	1kΩ(B) Semi-Variable Resistor (Solid Type)	2 C
VR04	1035190	100kΩ(B)	2 B
C01	0657223	0.022μF	1 A
C02	0657223	0.022μF	1 A
C03	0657223	0.022μF	1 B
C04	0657223	0.022μF	1 B
C05	0657223	0.022μF	1 B
C06	0657223	0.022μF 50V C.C.	1 B
C07	0657223	0.022μF	1 B
C08	0657223	0.022μF	1 B
C09	0657223	0.022μF	1 B
C10	0657223	0.022μF	1 B
C11	0657223	0.022μF	1 C
C12	0657223	0.022μF	1 C
C13	0657223	0.022μF	1 C
C14	0657223	0.022μF	1 C
C15	0657223	0.022μF 50V C.C.	1 C
C16	0657223	0.022μF	1 C
C17	0660101	100pF	1 C
C18	0660101	100pF	1 D
C19	0660101	100pF	1 D

Parts No.	Stock No.	Description	Position
C20	0512100	10μF 16V E.C.	1 D
C21	0513479	4.7μF 25V E.C.	1 D
C22	0660101	100pF	1 C
C23	0657223	0.022μF	1 D
C24	0657223	0.022μF	1 B
C25	0661470	47pF	1 B
C26	0657223	0.022μF 50V C.C.	1 B
C27	0661330	33pF	1, 2 B
C28	0661470	47pF	2 B
C29	0657223	0.022μF	2 B
C30	0661470	47pF	2 B
C31	0657223	0.022μF	2 B
C32	0512100	10μF 16V E.C.	2 B
C33	0667223	0.022μF 50V C.C.	2 B
C34	0657223	0.022μF	1 B
C36	0515229	2.2μF 50V E.C.	1 D
C37	0512101	100μF 16V E.C.	1 D
C38	0629001	6800pF 50V P.C.	2 D
C39	0513479	4.7μF 25V E.C.	2 D
C40	0513479	4.7μF	1 D
C41	0515109	1μF 50V E.C.	2 D
C42	0515109	1μF	1 D
C43	0600157	0.015μF 50V M.C.	2 C
C44	0600157	0.015μF	1 C
C45	0600686	0.0068μF 50V M.C.	2 C
C46	0600686	0.0068μF	1 C
C47	0512101	100μF 16V E.C.	1 C, D
C53	0512100	10μF	1 D
C54	0515109	1μF	2 B
C55	0515339	3.3μF 50V E.C.	1 C
C56	0515109	1μF	2 C
C57	0515109	1μF	2 C
C58	0512100	10μF 16V E.C.	2 C
C59	0519102	3.3μF 50V (BRN) E.C.	1 C
C60	0601686	0.0068μF 50V M.C.	1 C
C61	0519102	3.3μF 50V (BRN) E.C.	1 C
C62	0601686	0.0068μF 50V M.C.	1 C
C64	0620361	360pF 50V P.C.	2 A
C65	0669215	15pF 50V C.C.	2 A
C66	0512100	10μF 16V E.C.	2 A
C67	0657223	0.022μF	2 A
C68	0657223	0.022μF 50V C.C.	2 A
C69	0657223	0.022μF	1, 2 A
C70	0601107	0.01μF 50V M.C.	2 A
C71	0601106	0.001μF	2 A
C72	0515109	1μF 50V E.C.	2 A
C73	0515339	3.3μF	2 B
C74	0601107	0.01μF 50V M.C.	2 A
C75	0512101	100μF 16V E.C.	2 A
C76	0601337	0.033μF	2 A
C77	0601396	0.0039μF 50V M.C.	2 A
C78	0601227	0.022μF	2 A
C79	0510470	47μF 6.3V E.C.	2 B
C81	0515339	3.3μF 50V E.C.	
C901	0515109	1μF	
R04	0113151	150Ω	1 A
R05	0113391	390Ω	1 A
R06	0113681	680Ω ¼W S.R.	1 A
R07	0113153	15kΩ	1 A
R08	0113103	10kΩ	1 A

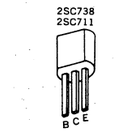
Abbreviations

C.R. : Carbon Resistor	M.R. : Metallized Film Resistor	BP.E.C. : Bi-Polar Electrolytic Capacitor	O.C. : Oil Capacitor
S.R. : Solid Resistor	M.C. : Mylar Capacitor	C.C. : Ceramic Capacitor	P.C. : Polystyrene Capacitor
Ce.R. : Cement Resistor	E.C. : Electrolytic Capacitor	Mi.C. : Mica Capacitor	T.C. : Tantalum Capacitor

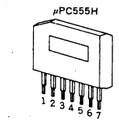
Conductor Side



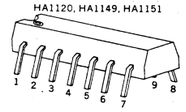
2SC738
2SC711



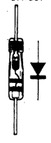
μPC555H



HA1120, HA1149, HA1151



1N-60
1N-60P



Parts No.	Stock No.	Description	Position
R09	0113471	470Ω ¼W S.R.	1 A
R11	0113479	4.7Ω	1 B
R13	0113151	150Ω	1 B
R14	0113391	390Ω	1 B
R15	0113221	220Ω	1 B
R16	0113562	5.6kΩ	1 B
R17	0113103	10kΩ	1 B
R18	0113151	150Ω	1 B
R19	0113102	1kΩ	1 B
R20	0113479	4.7Ω	1 B
R21	0113102	1kΩ	1 B
R22	0113479	4.7Ω	1 B , C
R23	0113102	1kΩ	1 C
R24	0113682	6.8kΩ	1 C
R25	0113102	1kΩ	1 D
R26	0113102	1kΩ	1 D
R27	0113101	100Ω	1 C
R28	0113471	470Ω	1 D
R30	0113152	1.5kΩ	1 B
R31	0113220	22Ω	1 B
R32	0113333	33kΩ	1 B

Parts No.	Stock No.	Description	Position
R33	0113102	1kΩ ¼W S.R.	1 B
R34	0113331	330Ω	1 B
R35	0113391	390Ω	1 B
R36	0113220	22Ω	2 B
R37	0113223	22kΩ	2 B
R38	0113183	18kΩ	2 B
R39	0113102	1kΩ	2 B
R40	0113102	1kΩ	2 B
R42	0113104	100kΩ	1 A
R43	0113333	33kΩ	1 A
R46	0113681	680Ω	1 D
R47	0113562	5.6kΩ	1, 2 D
R48	0113479	4.7Ω	2 D
R49	0113334	330kΩ	2 D
R50	0113221	220Ω	2 D
R51	0113472	4.7kΩ	1 D
R52	0113151	150Ω	2 C , D
R54	0113101	100Ω	2 C , D
R55	0113332	3.3kΩ	2 C , D
R56	0113332	3.3kΩ	2 C , D
R57	0171181	180Ω ¼W M.R.	2 D

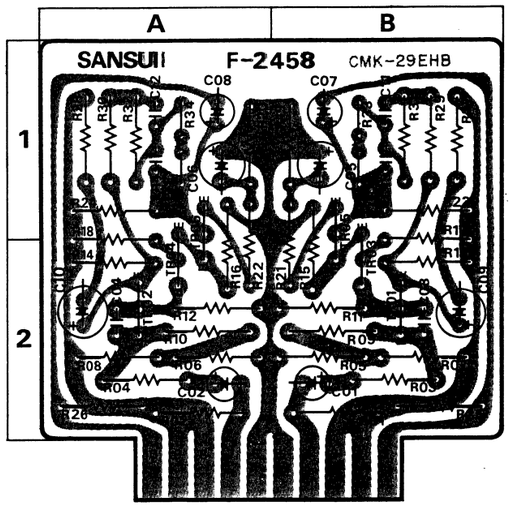
Parts No.	Stock No.	Description	Position
R63	0113471	470Ω ¼W S.R.	1 D
R64	0113332	3.3kΩ	2 C
R65	0113332	3.3kΩ	2 C
R66	0113104	100kΩ	2 B
R67	0113223	22kΩ	1 D
R68	0113223	22kΩ	1 C
R69	0113822	8.2kΩ	2 C
R70	0113473	47kΩ	2 C
R71	0113822	8.2kΩ	2 C
R72	0113473	47kΩ	2 C
R73	0113472	4.7kΩ	2 C
R74	0113222	2.2kΩ	2 C
R75	0113472	4.7kΩ	2 C
R76	0113222	2.2kΩ	2 C
R77	0113103	10kΩ	2 C
R78	0113332	3.3kΩ	1 C
R79	0113332	3.3kΩ	1 C
R84	0113392	3.9kΩ	2 A
R85	0113100	10Ω	2 A
R86	0113101	100Ω	2 A
R87	0113100	10Ω	2 A

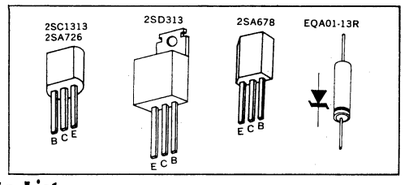
Parts No.	Stock No.	Description	Position
R88	0113224	220kΩ ¼W S.R.	2 A
R89	0113122	1.2kΩ	2 A
R90	0113103	10kΩ	2 A
R91	0113103	10kΩ	2 B
R92	0113152	1.5kΩ	2 A
R93	0113151	150Ω	2 A
R94	0113182	1.8kΩ	2 A
R95	0113183	18kΩ	2 A
R96	0113101	100Ω	2 A
R98	0113473	47kΩ	1 C
R100	0113681	680Ω	
R101	0113332	3.3kΩ	2 C
R102	0113332	3.3kΩ	2 B
R103	0113103	10kΩ	
R104	0113223	22kΩ	
R105	0113332	3.3kΩ	
R901	0113223	22kΩ	
S01	1110270	Slide Switch	1, 2 C

6-3. F-2458 Equalizer Circuit Board

(Stock No. 7550620 Complete Circuit Board F-2458)

Conductor Side



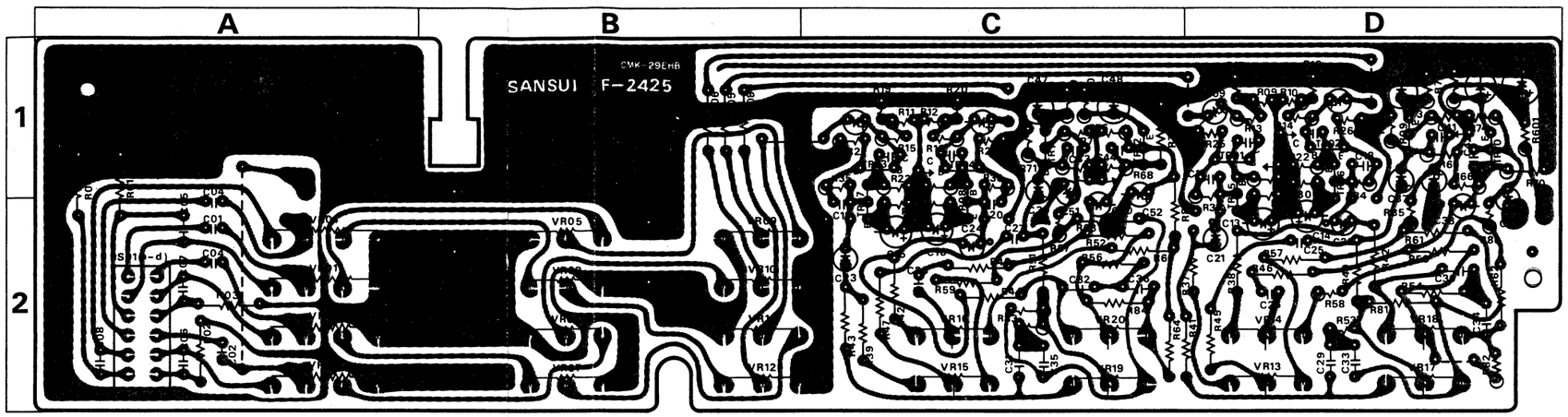


Parts List

Parts No.	Stock No.	Description			Position
TR01, 02	0306070, 1	2SC1313Ⓡ (F, G)	} Transistor		2 B . 2 A
TR03, 04	0300410, 1	2SA726W (F, G)			2 A . 2 B
TR05, 06	0300410, 1	2SA726W (F, G)			1,2A.1,2B
C01, 02	0519105	2.2μF 50V	E.C. (BRN)		2 B . 2 A
C03, 04	0660100	10pF 50V	C.C.		2 A . 2 B
C05, 06	0510101	100μF 6.3V	} E.C.		1 B . 1 A
C07, 08	0519101	1μF 50V(BRN)			1 B . 1 A
C09, 10	0512470	47μF 16V			1 B . 2 A
C11, 12	0600126	0.0012μF } 50V	M.C.		1 B . 1 A
C13, 14	0600476	0.0047μF			1 A . 1 B
C901, 902	0660101	100pF 50V	C.C.		
R01, 02	0107104	100kΩ			2 B . 2 A
R03, 04	0107222	2.2kΩ			2 B . 2 A
R05, 06	0107184	180kΩ			2 B . 2 A
R07, 08	0107273	27kΩ			2 B . 2 A
R09, 10	0107104	100kΩ			2 B . 2 A
R11, 12	0107334	330kΩ			2 B . 2 A
R13, 14	0107154	150kΩ			2 B . 2 A
R15, 16	0107563	56kΩ			1,2B.1,2A
R17, 18	0107274	270kΩ	¼W C.R.		1,2B.1,2A
R19, 20	0107102	1kΩ			1 B . 1 A
R21, 22	0107101	100Ω			1,2B.1,2A
R23, 24	0107472	4.7kΩ			1 B . 1 A
R25, 26	0107104	100kΩ			2 B . 2 A
R27, 28	0107182	1.8kΩ			1 B . 1 A
R29, 30	0107331	330Ω			1 B . 1 A
R31, 32	0107563	56kΩ			1 B . 1 A
R33, 34	0106564	560kΩ } ¼W	C.R. (E.L.R.)		1 B . 1 A
R35, 36	0106224	220kΩ			

6-4. F-2425 Tone Control Circuit Board (Stock No. 7560870 Complete Circuit Board F-2425)

Conductor Side



Parts List

Parts No.	Stock No.	Description			Position
TR01, 02	0306070, 1	2SC1313Ⓡ (F, G)	} Transistor		1 D
TR03, 04	0306070, 1	2SC1313Ⓡ (F, G)			1 C
TR05, 06	0300470, 1	2SA726 (F, G)			1 D
TR07, 08	0300470, 1	2SA726 (F, G)			1 C
TR09, 10	0306070, 1	2SC1313Ⓡ (F, G)			1 D
TR11, 12	0306070, 1	2SC1313Ⓡ (F, G)			1 C
VR01~04	1060340, 1	250kΩ (B)×4	} Variable Resistor		2 A
VR05~08	1060350, 1	250kΩ (MN)×4			2 B
VR09~12	1060360, 1	250kΩ (MN)×4			2 B
VR13, 14	1010930, 1	100kΩ (B)×2			2 D
VR15, 16	1010930, 1	100kΩ (B)×2			2 C
VR17, 18	1010930, 1	100kΩ (B)×2			2 D
VR19, 20	1010930, 1	100kΩ (B)×2			2 C
C01, 02	0620181	180pF } 50V	P.C.		2 A
C03, 04	0620181	180pF			2 A
C05, 06	0601227	0.022μF } 50V	M.C.		1, 2A. 2A
C07, 08	0601227	0.022μF			2 A
C09, 10	0519101	1μF } 50V	E.C. (BRN)		2 A
C11, 12	0519101	1μF			1 D
C13, 14	0510101	100μF } 6.3V	E.C.		1 C
C15, 16	0510101	100μF			1, 2 D
C17, 18	0660220	22pF } 50V	C.C.		1, 2 C
C19, 20	0660220	22pF			1 D
C21, 22	0519102	3.3μF } 50V	E.C. (BRN)		1 C
C23, 24	0519102	3.3μF			2D. 1, 2D
C25, 26	0601226	0.0022μF } 50V	M.C.		2 C
C27, 28	0601226	0.0022μF			2 D
C29, 30	0601827	0.082μF			2 C
C31, 32	0601827	0.082μF			2 D
C33, 34	0601827	0.082μF			2 C
C35, 36	0601827	0.082μF			2 D
C37, 38	0519102	3.3μF } 50V	E.C. (BRN)		2 C
C39, 40	0519102	3.3μF			1 D
C41, 42	0660330	33pF } 50V	C.C.		1 C
C43, 44	0660330	33pF			1 D
C45, 46	0510101	100μF } 6.3V	E.C.		1 C
C47, 48	0510101	100μF			1 D
C49, 50	0519102	3.3μF } 50V	E.C. (BRN)		1 C
C51, 52	0519102	3.3μF			1 D
C601	0515470	47μF 50V	E.C.		

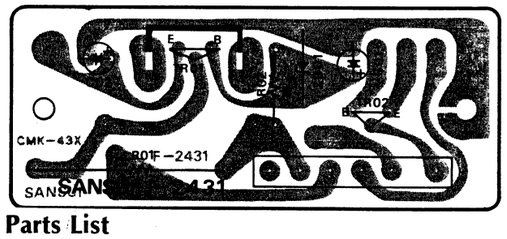
Parts No.	Stock No.	Description			Position
R01, 02	0106273	27kΩ } ¼W	C.R. (E.L.R)		1 A . 2 A
R03, 04	0106273	27kΩ			2 A . 1 A
R05, 06	0107222	2.2kΩ } ¼W	C.R.		1 B
R07, 08	0107222	2.2kΩ			1B, C. 1 B
R09, 10	0106334	330kΩ } ¼W	C.R.		1 D
R11, 12	0106334	330kΩ			1 C
R13, 14	0106334	330kΩ			1 D
R15, 16	0106334	330kΩ			1 C
R17, 18	0106563	56kΩ			1 D
R19, 20	0106563	56kΩ			1 C
R21, 22	0106333	33kΩ			1 D
R23, 24	0106333	33kΩ			1 C
R25, 26	0106222	2.2kΩ } ¼W	C.R. (E.L.R)		1 D
R27, 28	0106222	2.2kΩ			1 C
R29, 30	0106821	820Ω			1 D
R31, 32	0106821	820Ω			1 C
R33, 34	0106103	10kΩ			1 D
R35, 36	0106103	10kΩ			1 C
R37, 38	0107392	3.9kΩ } ¼W	C.R.		2 D
R39, 40	0107392	3.9kΩ			2 C
R41, 42	0107123	12kΩ			2C,D. 2D
R43, 44	0107123	12kΩ			2 C
R45, 46	0107222	2.2kΩ } ¼W	C.R.		2 D
R47, 48	0107222	2.2kΩ			2 C
R49, 50	0107103	10kΩ			2 D
R51, 52	0107103	10kΩ			2 B
R53	0106332	3.3kΩ ¼W	C.R. (E.L.R)		2 D
R54	0107332	3.3kΩ ¼W	C.R.		2 D
R55	0106332	3.3kΩ ¼W	C.R. (E.L.R)		2 C
R56	0107332	3.3kΩ } ¼W	C.R.		2 C
R57	0107392	3.9kΩ			2 D
R58	0106392	3.9kΩ ¼W	C.R. (E.L.R)		2 D
R59, 60	0107392	3.9kΩ } ¼W	C.R.		2 C
R61, 62	0107123	12kΩ			2 D
R63, 64	0107123	12kΩ			1 C . 2 B
R65, 66	0106224	220kΩ } ¼W	C.R. (E.L.R)		1 D
R67, 68	0106224	220kΩ			1 C
R69, 70	0106273	27kΩ			1 D
R71	0106273	27kΩ			1 C
R72	0107273	27kΩ ¼W	C.R.		1 C

Parts No.	Stock No.	Description			Position
R73, 74	0106392	3.9kΩ } ¼W	C.R. (E.L.R)		1 D
R75, 76	0106392	3.9kΩ			1 C
R77, 78	0106821	820Ω } ¼W	C.R. (E.L.R)		1 D
R79, 80	0106821	820Ω			1 C
R601	0106331	330Ω			1 D

6-5. F-2431 Power Supply Circuit Board for Tuner Section

(Stock No. 7500920 Complete Circuit Board F-2431)

Conductor Side

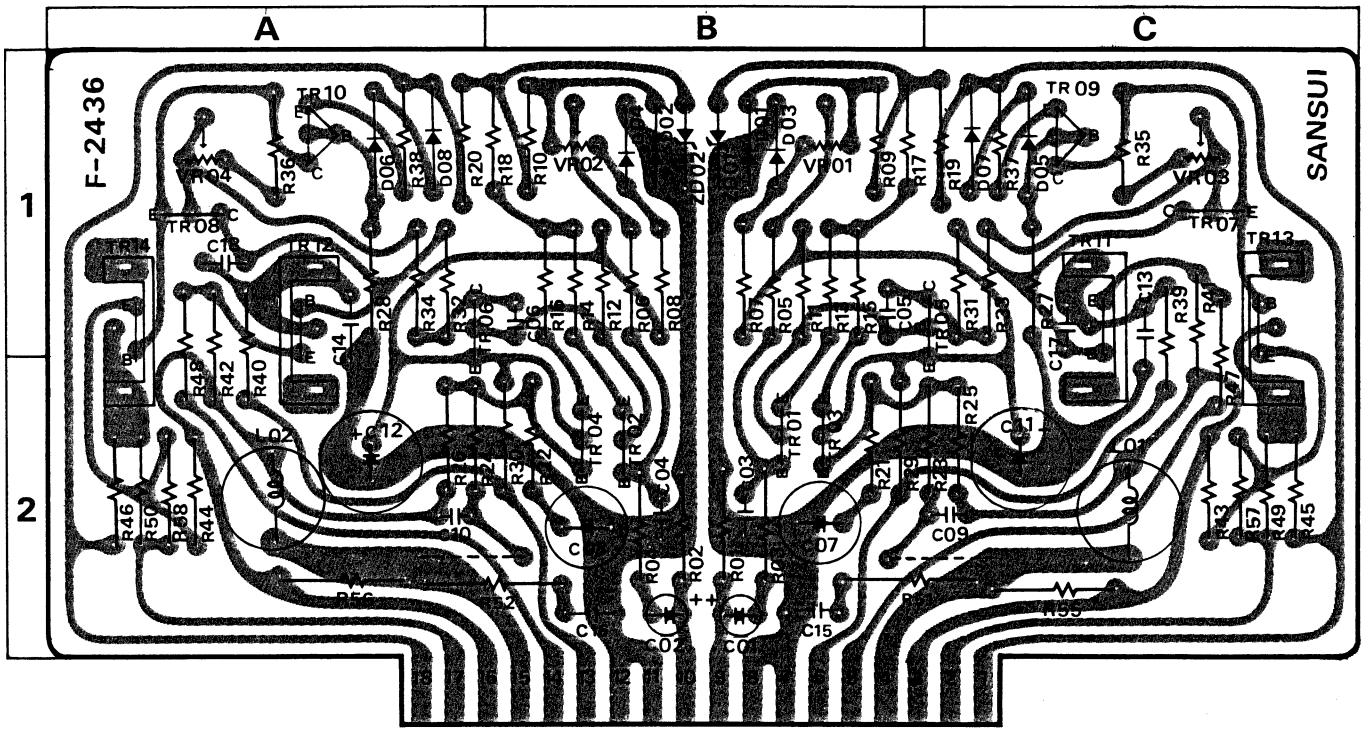


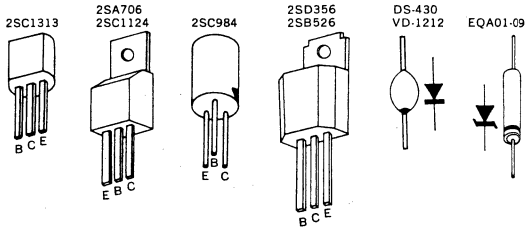
Parts List

Parts No.	Stock No.	Description			
TR01	0308390~2	2SD313 (C.D.E)	} Transistor		
TR02	0300292	2SA678 (7)			
ZD01	0315970	EQA01-13R	Zener Diode		
C01	0512221	220μF } 16V	E.C.		
C02	0512101	100μF			
R01	0183391	390Ω 3W	Ce.R.		
R02	0107472	4.7kΩ ¼W	C.R.		
R03	0183391	390Ω 3W	Ce.R.		

6-6. F-2436A Driver Circuit Board (Stock No. 7570960 Complete Circuit Board F-2436A)

Conductor Side





Parts No.	Stock No.	Description		Position
TR01, 02	0306070	2SC1313® (F, G)	Transistor	2 B
TR03, 04	0306070	2SC1313® (F, G)		2 B
TR05, 06	0300381, 2	2SA706-3 (2, 3)		1C. 1, 2A
TR07, 08	0305871, 2	2SC984 (B, C)		1 C . 1 A
TR09, 10	0305901, 2	2SC1124 (2, 3)		1 C . 1 A
TR11, 12	0308450~2	2SD356 (C, D, E)		1,2C.1,2A
TR13, 14	0303280~2	2SB526 (C, D, E)		1,2C.1,2A
D01, 02	0340090	DS-430	Diode	1 B
D03, 04	0340090	DS-430		1 B
D05, 06	0340120	VD-1212	Varistor	1 C . 1 A
ZD01, 02	0315850	EQA01-09	Zener Diode	1 B
VR01, 02	1035350	4.7kΩ (B)	Semi-Variable Resistor (Solid Type)	1 B
VR03, 04	1035310	1kΩ (B)		1 C . 1 A
C01, 02	0519101	1μF 50V (BRN) E.C.		2 B
C03, 04	0660470	47pF 50V C.C.		2 B
C05, 06	0660330	33pF 50V C.C.		1 B
C07, 08	0530101	100μF 6.3V E.C.		2 B
C11, 12	0515101	100μF 50V E.C.		2 C . 2 A
C13, 14	0657223	0.022μF 50V C.C.		1,2C.1,2A
C15, 16	0601108	0.1μF 50V M.C.		2 B
C17, 18	0660101	100pF 50V C.C.		1 C . 1 A
R01, 02	0107124	120kΩ	¼W C.R.	2 B
R03, 04	0107103	10kΩ		2 B
R05, 06	0107124	120kΩ		1 B
R07, 08	0107683	68kΩ		1 B
R09, 10	0107223	22kΩ		1 B
R11, 12	0107102	1kΩ		1 B
R13, 14	0107479	4.7Ω		1 B
R15, 16	0107479	4.7Ω		1 B
R17, 18	0107332	3.3kΩ		1 B

Parts No.	Stock No.	Description		Position
R19, 20	0103472	4.7kΩ	½W C.R.	1 C . 1 A
R21, 22	0107182	1.8kΩ	¼W C.R.	2 B
R25, 26	0107124	120kΩ		2 C . 2 A
R27, 28	0107333	33kΩ		1 C . 1 A
R29, 30	0107101	100Ω		2 B . 2 A
R31, 32	0107390	39Ω		1 C . 1 A
R33, 34	0107332	3.3kΩ		1 C . 1 A
R35, 36	0107152	1.5kΩ		1 C . 1 A
R37, 38	0107181	180Ω		1 C . 1 A
R39, 40	0107100	10Ω		1,2C.1,2A
R41, 42	0107151	150Ω		1,2C.1,2A
R43, 44	0107100	10Ω		2 C . 2 A
R45, 46	0107151	150Ω		2 C . 2 A
R47, 48	0107479	4.7Ω		1,2C.1,2A
R49, 50	0107479	4.7Ω		2 C . 2 A
R51, 52	0171100	10Ω	1W M.R.	2B,C.2A,B
R53, 54	0133228	0.22Ω	3W Ce. R.	
R55, 56	0107274	270kΩ	¼W C.R.	2 C . 2 A

Abbreviations

C.R.	: Carbon Resistor	**BP.E.C.**	: Bi-Polar Electrolytic Capacitor
S.R.	: Solid Resistor	**C.C.**	: Ceramic Capacitor
Ce.R.	: Cement Resistor	**Mi.C.**	: Mica Capacitor
M.R.	: Metallized Film Resistor	**O.C.**	: Oil Capacitor
M.C.	: Mylar Capacitor	**P.C.**	: Polystyrene Capacitor
E.C.	: Electrolytic Capacitor	**T.C.**	: Tantalum Capacitor

6-7. F-2090 CD-4 Sub Channel Circuit Board (Stock No. 7650200 Complete Circuit Board F-2090)

Parts List

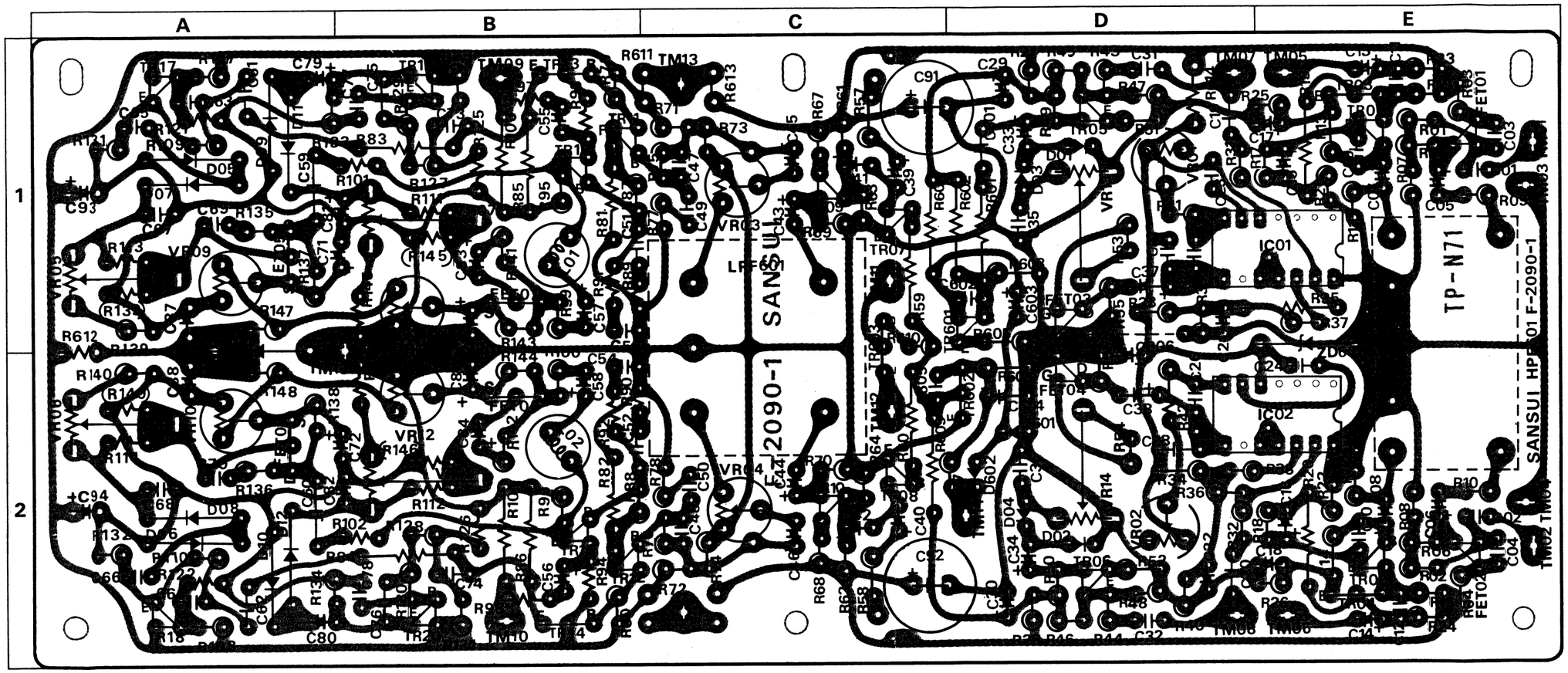
Parts No.	Stock No.	Description				Position
TR01, 02	0306090, 1 or 0306011, 2	2SC1312 Ⓡ (F, G) or 2SC1222 (E, F)	Transistor			1 E . 2 E
TR03, 04	0306090, 1 or 0306011, 2	2SC1312 Ⓡ (F, G) or 2SC1222 (E, F)	Transistor			1 E . 2 E
TR05, 06	0305951~3	2SC945 (Q, P, K)	Transistor			2 D
TR07, 08	0305951~3	2SC945 (Q, P, K)	Transistor			1 C . 2 C
TR09, 10	0300301,3,5 or 0300410, 1	2SA640 (M, K, L) or 2SA726 (F, G)	Transistor			1 C . 2 C
TR11, 12	0306090, 1 or 0306011, 2	2SC1312 Ⓡ (F, G) or 2SC1222 (E, F)	Transistor			1 B . 2 B
TR13, 14	0306090, 1 or 0306011, 2	2SC1312 Ⓡ (E, F) or 2SC1222 (E, F)	Transistor			1 B . 2 B
TR15, 16	0306090, 1 or 0306011, 2	2SC1312 Ⓡ (F, G) or 2SC1222 (E, F)	Transistor			1 B . 2 B
TR17, 18	0305951~3	2SC945 (Q, P, K)	Transistor			1 A . 2 A
TR19, 20	0305951~3	2SC945 (Q, P, K)	Transistor			1 B . 2 B
TR601	0305951~3	2SC945 (Q, P, K)	Transistor			1 D
TR602	0305951~3	2SC945 (Q, P, K)	Transistor			2 D
TR603	0305951~3	2SC945 (Q, P, K)	Transistor			1, 2 C
TR604	0305951~3	2SC945 (Q, P, K)	Transistor			
FET01, 02	0370150, 1	2SK34 (B, C)	FET			1 E . 2 E
FET03, 04	0370150	2SK34 (B)	FET			1 E . 2 D
FET05, 06	0370151	2SK34 (C)	FET			1 D . 2 A
FET07, 08	0370151	2SK34 (C)	FET			1 A . 2 A
IC01, 02	0360110	CD894A	IC			1 B . 2 B 1 E . 2 E
D01, 02	0311160	1S2473D	Diode			1 D . 2 D
D03, 04	0311160	1S2473D	Diode			1 D . 2 D
D05, 06	0310400	1N34A	Diode			1 A . 2 A
D07, 08	0310400	1N34A	Diode			1 A . 2 A
D09, 10	0310400	1N34A	Diode			1 A . 2 A
D11, 12	0310400	1N34A	Diode			1 A . 2 A
D601, 602	0310330	1N60	Diode			2 D
D603	0311160	1S2473D	Diode			
ZD601	0316290	RD-12E(B)	Zener Diode			1, 2 E
ZD602	0315530	RD-6A(K)	Zener Diode			1, 2 A
VR01, 02	1035090	2.2kΩ(B)	Sami-Variable Resistor (Solid Type)			1 D . 2 D
VR03, 04	1035110	4.7kΩ(B)	Sami-Variable Resistor (Solid Type)			1 C . 2 C
VR09, 10	1035150	22kΩ(B)	Sami-Variable Resistor (Solid Type)			1 A . 2 A
VR11, 12	1035150	22kΩ(B)	Sami-Variable Resistor (Solid Type)			1 B . 2 B
VR13, 14	1032520, 1	100kΩ(B)	Semi-Variable Resistor			1 D . 2 D
L01, 02	4900191	100mH Ferri-Inductor				1 B . 2 B
LPF601	0910240	VSL-200-6 Low Pass Filter				1, 2 C
HPF601	0910240	VSL-400 High Pass Filter				1, 2 E
C01, 02	0601106	0.001μF	50V	M.C.		1 E . 2 E
C03, 04	0660509	5pF	50V	C.C.		1 E . 2 E
C05, 06	0515109	1μF	50V	E.C.		1 E . 2 E
C07, 08	0515109	1μF	50V	E.C.		1 E . 2 E
C09, 10	0660680	68pF	50V	C.C.		1 E . 2 E
C11, 12	0660150	15pF	50V	C.C.		1 E . 2 E

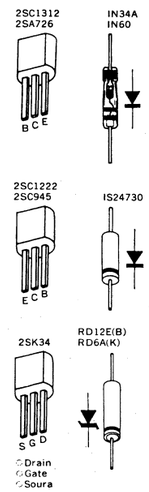
Parts No.	Stock No.	Description				Position
C13, 14	0515109	1μF	50V	E.C.		1 E . 2 E
C15, 16	0515109	1μF	50V	E.C.		1 E . 2 E
C17, 18	0515109	1μF	50V	E.C.		1 E . 2 E
C19, 20	0601477	0.047μF	50V	M.C.		1 D . 2 D
C21, 22	0515109	1μF	50V	E.C.		1 D . 2 D
C23, 24	0600276	0.0027μF	50V	M.C.		1 D . 2 E
C25, 26	0657102	0.001μF	50V	C.C.		1 D . 2 D
C27, 28	0600336	0.0033μF	50V	M.C.		1 D . 2 D
C29, 30	0512100	10μF	16V	E.C.		1 D . 2 D
C31, 32	0601476	0.0047μF	50V	M.C.		1 D . 2 D
C33, 34	0515109	1μF	50V	E.C.		1 D . 2 D
C35, 36	0601157	0.015μF	50V	M.C.		1 D . 2 D
C37, 38	0512330	33μF	50V	E.C.		1 D . 2 D
C39, 40	0515339	3.3μF	50V	E.C.		1 C . 2 C
C41, 42	0515339	3.3μF	50V	E.C.		1 C . 2 C
C43, 44	0513479	4.7μF	50V	E.C.		1 C . 2 C
C45, 46	0515109	1μF	50V	E.C.		1 C . 2 C
C47, 48	0620331	330pF	50V	P.C.		1 C . 2 C
C49, 50	0600476	0.0047μF	50V	M.C.		1 C . 2 C
C51, 52	0600827	0.082μF	50V	M.C.		1 B . 2 B
C53, 54	0620331	330pF	50V	P.C.		1 B . 2 B
C55, 56	0515109	1μF	50V	E.C.		1 B . 2 B
C57, 58	0573688	0.68μF	35V	T.C.		1 B . 2 B
C59, 60	0600158	0.15μF	50V	M.C.		1 A . 2 A
C61, 62	0600686	0.0068μF	50V	M.C.		1 A . 2 A
C63, 64	0600686	0.0068μF	50V	M.C.		1 A . 2 A
C65, 66	0600226	0.0022μF	50V	M.C.		1 A . 2 A
C67, 68	0601227	0.022μF	50V	M.C.		1 A . 2 A
C69, 70	0601476	0.0047μF	50V	M.C.		1 A . 2 A
C71, 72	0512100	10μF	16V	E.C.		1A,B.2A,B
C73, 74	0600127	0.012μF	50V	M.C.		1 B . 2 B
C75, 76	0600157	0.015μF	50V	M.C.		1 B . 2 B
C77, 78	0600157	0.015μF	50V	M.C.		1 B . 2 B
C79, 80	0573338	0.33μF	35V	T.C.		1 A . 2 A
C81, 82	0573338	0.33μF	35V	T.C.		1A,B. 2B
C83, 84	0573338	0.33μF	35V	T.C.		1 B . 2 B
C85, 86	0511330	33μF	10V	E.C.		1 B . 2 B
C87, 88	0510470	47μF	6.3V	E.C.		1 A . 2 A
C91, 92	0513221	220μF	25V	E.C.		1C,D. 2C,D
C93, 94	0513101	100μF	25V	E.C.		1 A . 2 A
C601	0660221	220pF	50V	C.C.		1 D
C602	0660220	22pF	50V	C.C.		1 D
C603	0525109	1μF	50V	E.C.		1 D
C604	0513479	4.7μF	25V	E.C.		2 D
C605	0512330	33μF	16V	E.C.		2 C
C607	0512100	10μF	16V	E.C.		
C901	0512330	33μF	16V	E.C.		
R01, 02	0106105	1MΩ				1 E . 2 E
R03, 04	0106102	1MΩ				1 E . 2 E
R05, 06	0106221	220Ω				1 E . 2 E
R07, 08	0106123	12kΩ				1 E . 2 E
R09, 10	0106272	2.7kΩ	¼W	C.R. (E.L.R)		1 E . 2 E
R11, 12	0106332	3.3kΩ	¼W	C.R. (E.L.R)		1 E . 2 E
R13, 14	0106394	390kΩ	¼W	C.R. (E.L.R)		1 E . 2 E
R15, 16	0106184	180kΩ	¼W	C.R. (E.L.R)		1 E . 2 E
R17, 18	0106472	4.7kΩ	¼W	C.R. (E.L.R)		1 E . 2 E
R19, 20	0107104	100kΩ	¼W	C.R.		1 D . 2 E
R21, 22	0106331	330Ω	¼W	C.R. (E.L.R)		1 E . 2 E
R23, 24	0106472	4.7kΩ	¼W	C.R. (E.L.R)		1 E . 2 E
R25, 26	0106471	470Ω	¼W	C.R. (E.L.R)		1 E . 2 E

Abbreviations

C.R. : Carbon Resistor	M.R. : Metallized Film Resistor	BP.E.C. : Bi-Polar Electrolytic Capacitor	O.C. : Oil Capacitor
S.R. : Solid Resistor	M.C. : Mylar Capacitor	C.C. : Ceramic Capacitor	P.C. : Polystyrene Capacitor
Ce.R. : Cement Resistor	E.C. : Electrolytic Capacitor	MI.C. : Mica Capacitor	T.C. : Tantalum Capacitor

Conductor Side





Parts List

Parts No.	Stock No.	Description	Position
R27	0106332	3.3kΩ ¼W C.R. (E.L.R)	1D
R28	0106472	4.7kΩ ¼W C.R. (E.L.R)	2D
R31, 32	0106222	2.2kΩ ¼W C.R. (E.L.R)	1D.2D
R33, 34	0106103	10kΩ ¼W C.R. (E.L.R)	1D.2D
R35	0107472	4.7kΩ ¼W C.R.	1D, E
R36	0106472	4.7kΩ ¼W C.R. (E.L.R)	2D
R37, 38	0106472	4.7kΩ ¼W C.R. (E.L.R)	1E. 2D,E
R39, 40	0106103	10kΩ ¼W C.R. (E.L.R)	1D.2D
R41, 42	0106272	2.7kΩ ¼W C.R. (E.L.R)	1D.2D
R43, 44	0106821	820Ω ¼W C.R. (E.L.R)	1D.2D
R45, 46	0106564	560kΩ ¼W C.R. (E.L.R)	1D.2D
R47, 48	0106473	47kΩ ¼W C.R. (E.L.R)	1D.2D
R49, 50	0106682	6.8kΩ ¼W C.R. (E.L.R)	1D.2D
R51, 52	0106680	68Ω ¼W C.R. (E.L.R)	1D.2D
R53, 54	0106683	68kΩ ¼W C.R. (E.L.R)	1D.2D
R55, 56	0106104	100kΩ ¼W C.R. (E.L.R)	1D.2D
R57, 58	0106562	5.6kΩ ¼W C.R. (E.L.R)	1C.2C
R59, 60	0107223	22kΩ ¼W C.R.	1C.2C
R61, 62	0106333	33kΩ ¼W C.R. (E.L.R)	1C.2C

Parts No.	Stock No.	Description	Position
R63, 64	0106474	470kΩ ¼W C.R. (E.L.R)	1C.2C
R67, 68	0106221	220Ω ¼W C.R. (E.L.R)	1C.2C
R69, 70	0109472	4.7kΩ ¼W C.R. (E.L.R)	1C.2C
R71, 72	0106474	470kΩ ¼W C.R. (E.L.R)	1C.2C
R73, 74	0106473	47kΩ ¼W C.R. (E.L.R)	1C.2C
R75, 76	0106333	33kΩ ¼W C.R. (E.L.R)	1C.2C
R77, 78	0106472	4.7kΩ ¼W C.R. (E.L.R)	1C.2C
R79, 80	0106273	27kΩ ¼W C.R. (E.L.R)	1B.2B
R81, 82	0107272	2.7kΩ ¼W C.R. (E.L.R)	1B.2B
R83, 84	0107479	4.7Ω ¼W C.R.	1B.2B
R85, 86	0107103	10kΩ ¼W C.R. (E.L.R)	1B.2B
R87, 88	0106473	47kΩ ¼W C.R. (E.L.R)	1B.2B,C
R89, 90	0106103	10kΩ ¼W C.R. (E.L.R)	1B.2B
R91, 92	0106223	22kΩ ¼W C.R. (E.L.R)	1B.2B
R93, 94	0106103	10kΩ ¼W C.R. (E.L.R)	1B.2B
R95, 96	0106392	3.9kΩ ¼W C.R. (E.L.R)	1B.2B
R97, 98	0106183	18kΩ ¼W C.R. (E.L.R)	1B.2B
R99, 100	0106271	270Ω ¼W C.R. (E.L.R)	1B.2B
R101, 102	0106561	560Ω ¼W C.R. (E.L.R)	1B.2B

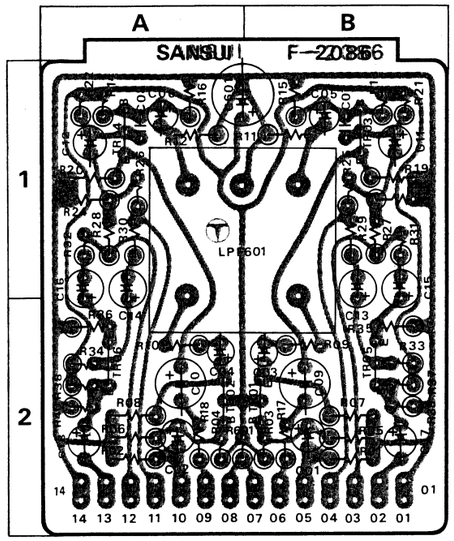
Parts No.	Stock No.	Description	Position
R103, 104	0107333	33kΩ ¼W C.R.	1B.2B
R107, 108	0106473	47kΩ ¼W C.R. (E.L.R)	1A.2A
R109, 110	0106823	82kΩ ¼W C.R. (E.L.R)	1A.2A
R111, 112	0106473	47kΩ	1B.2B
R113, 114	0106563	56kΩ	1A.2A
R121, 122	0106473	47kΩ	1A.2A
R123, 124	0106473	47kΩ	1B.2B
R125, 126	0106473	47kΩ	1B.2B
R127, 128	0106103	10kΩ	1B.2B
R129, 130	0106103	10kΩ	1B.2B
R131, 132	0106682	6.8kΩ	1A.2A
R133, 134	0106682	6.8kΩ ¼W C.R. (E.L.R)	1A,B.2A,B
R135, 136	0106104	100kΩ	1A.2A
R137, 138	0106183	18kΩ	1A.2B
R139, 140	0106474	470kΩ	1A.2A
R141, 142	0106104	100kΩ	1B.2B
R143, 144	0106183	18kΩ	1B.2B
R145, 146	0106394	390kΩ	1B.2B
R147, 148	0106102	1kΩ	1A.2A

Parts No.	Stock No.	Description	Position
R601	0107562	5.6kΩ ¼W C.R.	1D
R602	0107684	680kΩ ¼W C.R.	1D
R603	0106104	100kΩ ¼W C.R. (E.L.R)	1D
R604	0107332	3.3kΩ ¼W C.R.	1D
R605	0106331	330Ω	1,2D
R607	0106222	2.2kΩ ¼W C.R. (E.L.R)	2C, D
R608	0106472	4.7kΩ	2D
R609	0107562	5.6kΩ ¼W C.R.	2C
R610	0106183	18kΩ ¼W C.R. (E.L.R)	1,2C
R611	0106820	82Ω	1B, C
R612	0104681	680Ω 1W C.R.	1,2A
R613	0106680	68Ω ¼W C.R. (E.L.R)	1C
R614	0104331	330Ω 1W C.R.	1D
R621	0107392	3.9kΩ	
R622	0107393	39kΩ	
R623	0107562	5.6kΩ ¼W C.R.	
R901	0107473	47kΩ	
R902	0107394	390kΩ	

6-8. F-2086 CD-4 Main Circuit Board

(Stock No. 7650250 Complete Circuit Board F-2086)

Conductor Side



Parts List

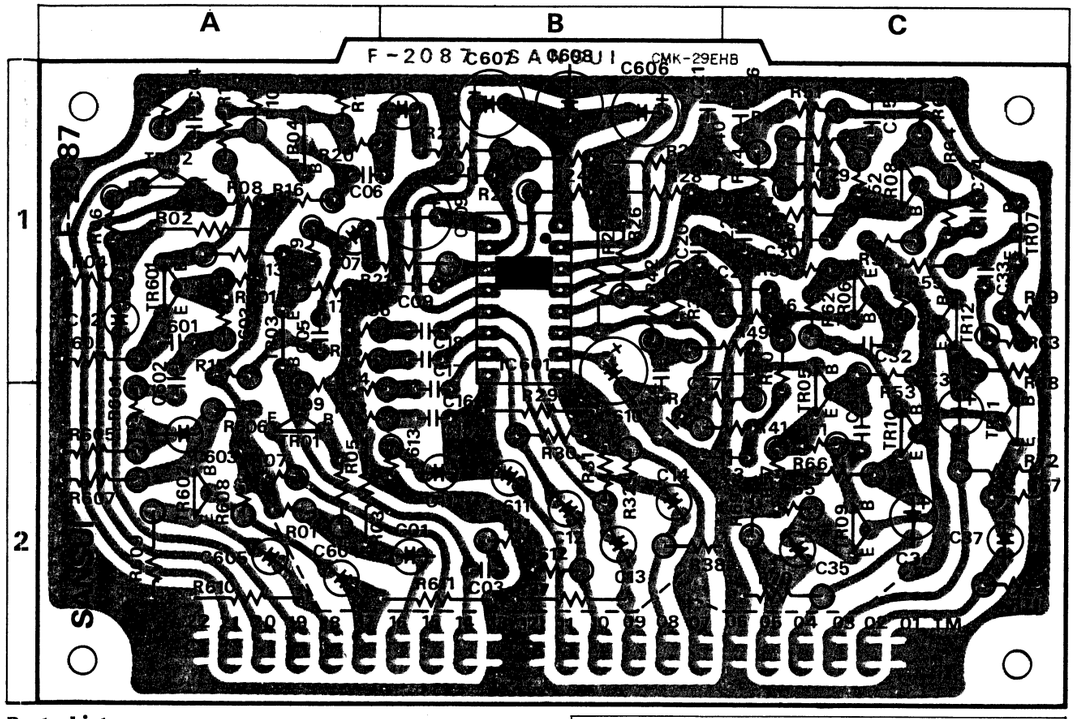
Parts No.	Stock No.	Description			Position
TR01, 02	0306090, 1	2SC1312 (F, G)		Transistor	2B . 2A
TR03, 04	0306090, 1	2SC1312 (F, G)			1B . 1A
TR05, 06	0306090, 1	2SC1312 (F, G)			2B . 2A
LPF601	0910230	VSL-200-3	Low Pass Filter		2A,B.1A,B
C01, 02	0515109	1μF	50V	E.C.	2B . 2A
C03, 04	0513479	4.7μF	25V	E.C.	2B . 2A
C05, 06	0515109	1μF	50V	E.C.	1B . 1A
C07, 08	0660330	33pF	50V	C.C.	1B . 1A
C09, 10	0510101	100μF	6.3V	E.C.	2B . 2A
C11, 12	0519105	2.2μF			1B . 1A
C13, 14	0519102	3.3μF	50V	E.C. (BRN)	1,2B,1,2A
C15, 16	0519102	3.3μF			1,2B,1,2A
C17, 18	0515109	1μF	50V	E.C.	2B . 2A
C601	0513101	100μF	25V	E.C.	1A , B
R01, 02	0106474	470kΩ			2B . 2A
R03, 04	0106274	270kΩ			2B . 2A
R05, 06	0106274	270kΩ			2B . 2A
R07, 08	0106332	3.3kΩ			2B . 2A
R09, 10	0106472	4.7kΩ			2B . 2A
R11, 12	0106472	4.7kΩ			1B . 1A
R13, 14	0106274	270kΩ			1B . 1A
R15, 16	0106823	82kΩ			1B . 1A
R17, 18	0106271	270Ω			2B . 2A
R19, 20	0106392	3.9kΩ			1B . 1A
R21, 22	0106822	8.2kΩ	¼W	C.R. (E.L.R)	1B . 1A
R23, 24	0106124	120kΩ			1B . 1A
R25, 26	0109123	12kΩ			1B . 1A
R27, 28	0106103	10kΩ			1B . 1A
R29, 30	0106103	10kΩ			1B . 1A
R31, 32	0106103	10kΩ			1B . 1A
R33, 34	0106102	1kΩ			2B . 2A
R35, 36	0106102	1kΩ			2B . 2A
R37, 38	0106394	390kΩ			2B . 2A
R39, 40	0106274	270kΩ			2B . 2A
R601	0106151	150Ω			2A , B

6-9. F-2087 QS Matrix Circuit Board (Stock No. 7650260 Complete Circuit Board F-2087)

Parts List

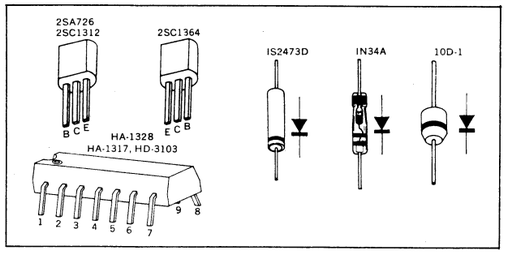
Parts No.	Stock No.	Description			Position
TR01, 02	0300410, 1	2SA726 (F, G)		Transistor	2A . 1A
TR03, 04	0306090, 1	2SC1312 (F, G)			1A
TR05, 06	0306091	2SC1312 (G)			1,2C. 1C
TR07, 08	0306091	2SC1312 (G)			1C
TR09, 10	0306090, 1	2SC1312 (F, G)			2C
TR11, 12	0306090, 1	2SC1312 (F, G)			2C . 1C
TR601	0306090, 1	2SC1312 (F, G)			1A
TR602	0306090, 1	2SC1312 (F, G)			2A
IC601	0360210	HA-1328	IC		1B
C01, 02	0515339	3.3μF	50V	E.C.	2B . 1A
C03, 04	0600680	0.0068μF	50V	M.C.	2B . 1A
C05, 06	0600107	0.01μF			1A
C07, 08	0519101	1μF	50V	E.C.	1A . 1B
C09	0660151	150pF	50V	C.C.	1B
C10	0660151	150pF			1B
C11	0513100	10μF	25V	E.C.	2B
C12	0513100	10μF			2B
C13	0513100	10μF			2B
C14	0513100	10μF			2B
C15	0600276	0.0027μF	50V	M.C.	2B
C16	0600276	0.0027μF			2B
C17	0600276	0.0027μF			1B
C18	0600276	0.0027μF			1B
C19, 20	0620561	560pF	50V	P.C.	1B
C21, 22	0620561	560pF			1B . 1C
C23, 24	0600337	0.033μF	50V	M.C.	2B,C.1,2B
C25, 26	0600337	0.033μF			1C
C27, 28	0600107	0.01μF			1B,C. 1C
C29, 30	0600107	0.01μF			1C
C31, 32	0600397	0.039μF			2C . 1C
C33	0620561	560pF	50V	P.C.	1C
C34	0600276	0.0027μF	50V	M.C.	1C
C35, 36	0515339	3.3μF	50V	E.C.	2C
C37, 38	0515339	3.3μF			2C
C601	0600396	0.0039μF	50V	M.C.	1C
C602	0600107	0.01μF			1, 2A
C603	0515339	3.3μF	50V	E.C.	2A
C604	0519102	3.3μF	50V	E.C. (BRN)	2A
C605	0519102	3.3μF			2A
C606	0511101	100μF	10V	E.C.	1B
C607	0511470	47μF			1B
C608	0511101	100μF			1B
C609	0511470	47μF			1A
C610	0511470	47μF			1B
C611	0519105	2.2μF	50V	E.C. (BRN)	2B
R01	0106473	47kΩ	¼W	C.R. (E.L.R)	2A
R02	0107473	47kΩ	¼W	C.R.	1A
R03	0107104	100kΩ			2A
R04	0106104	100kΩ	¼W	C.R. (E.L.R)	1A
R05, 06	0106102	1kΩ			2A . 1A
R07, 08	0106222	2.2kΩ			2A . 1A
R09, 10	0106222	2.2kΩ			1, 2A. 1A
R11, 12	0106332	3.3kΩ			2B . 1A
R13, 14	0106104	100kΩ			1A
R15, 16	0106222	2.2kΩ			1A
R17, 18	0106222	2.2kΩ			1A
R19, 20	0106223	22kΩ			1A
R21, 22	0106683	68kΩ			1A,B. 1B

Conductor Side



Parts List

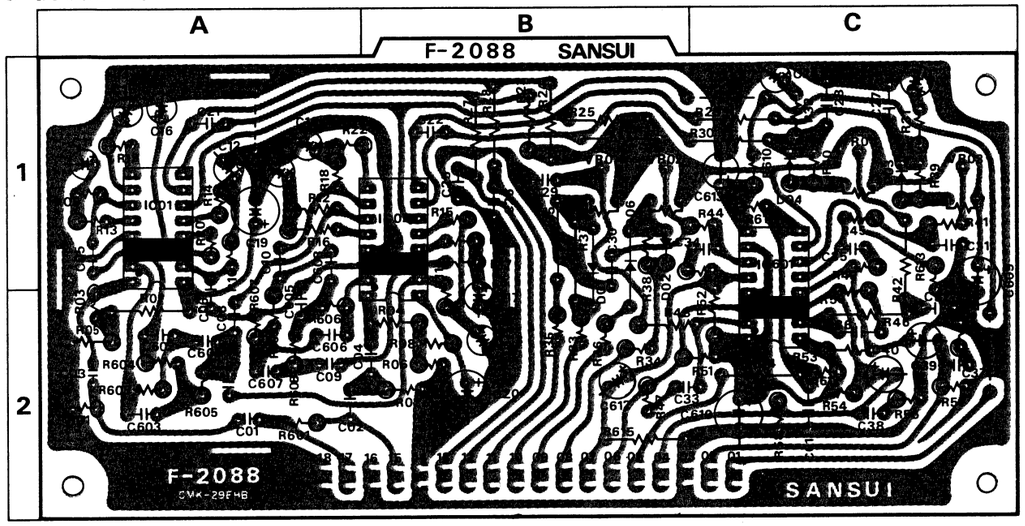
Parts No.	Stock No.	Description			Position
R23	0106273	27kΩ	¼W	C.R. (E.L.R)	1B
R24	0106273	27kΩ			1B
R25	0107223	22kΩ	¼W	C.R.	1B
R26	0106223	22kΩ	¼W	C.R. (E.L.R)	1B
R27	0106223	22kΩ			1B
R28	0106223	22kΩ	¼W	C.R. (E.L.R)	1B
R29	0107153	15kΩ	¼W	C.R.	2B
R30	0106153	15kΩ			2B
R31	0106153	15kΩ			2B
R32	0106153	15kΩ			2B
R33	0106101	100Ω	¼W	C.R. (E.L.R)	2A , B
R34	0106101	100Ω			1, 2A B
R35	0106101	100Ω			1A
R36	0106101	100Ω			1A , B
R37	0107152	1.5kΩ	¼W	C.R.	2B
R38	0106152	1.5kΩ			2B
R39, 40	0106104	100kΩ			1B . 1B,C
R41, 42	0106223	22kΩ			2B,C. 1B
R43, 44	0106273	27kΩ			1C
R45, 46	0106224	220kΩ			2B,C.1B,C
R47, 48	0106224	220kΩ			1C
R49, 50	0106224	220kΩ	¼W	C.R. (E.L.R)	1B , C
R51, 52	0106224	220kΩ			1C
R53, 54	0106272	2.7kΩ			1C
R55, 56	0106272	2.7kΩ			1C
R57, 58	0106272	2.2kΩ			2B,C. 1C
R59, 60	0106272	2.7kΩ			1C
R61, 62	0106333	33kΩ			2C . 1C



Parts No.	Stock No.	Description			Position
R63, 64	0106333	33kΩ			1C
R65, 66	0106472	4.7kΩ			2C
R67, 68	0106472	4.7kΩ			2C . 1C
R69, 70	0106104	100kΩ			2C
R71, 72	0106104	100kΩ			2C
R601	0106152	1.5kΩ			1A
R602	0106152	1.5kΩ	¼W	C.R. (.E.L.R)	1A
R603	0106682	6.8kΩ			1A
R604	0106683	68kΩ			1, 2A
R605	0106183	18kΩ			2A
R606	0106224	220kΩ			2A
R607	0106154	150kΩ			2A
R608	0106182	1.8kΩ			2A
R609	0106153	15kΩ			2A
R610	0107223	22kΩ	¼W	C.R.	2A
R611	0107822	8.2kΩ			2B
R612	0106104	100kΩ	¼W	C.R. (E.L.R)	2B
R613	0106152	1.5kΩ			2B

6-10. F-2088 QS Phase Control Circuit Board (Stock No. 7650270 Complete Circuit Board F-2088)

Conductor Side



Parts List

Parts No.	Stock No.	Description	Position
IC01	0360090~1	HA1327 } IC	1 A
IC02	0360090~1	HA1327 } IC	1 A
IC601	3600100	HD3103Ⓑ } IC	1, 2 C
D01	0311160	1S2473D } Diode	1, 2 B
D02	0311160	1S2473D } Diode	1 B
D03	0311160	1S2473D } Diode	1 C
D04	0311160	1S2473D } Diode	1 C
D05	0311160	1S2473D } Diode	1 B
D06	0311160	1S2473D } Diode	1, 2 B
VR01	1035490	1MΩ (B) } Semi-Variable Resistor (Solid Type)	1 B
VR02	1035490	1MΩ (B) } Semi-Variable Resistor (Solid Type)	1 B
VR03	1035490	1MΩ (B) } Semi-Variable Resistor (Solid Type)	1 C
VR04	1035490	1MΩ (B) } Semi-Variable Resistor (Solid Type)	1 C
C01	0600106	0.001μF } 50V M.C.	2 A
C02	0600106	0.001μF } 50V M.C.	2 A
C03	0620331	330pF } 50V P.C.	2 A
C04	0620331	330pF } 50V P.C.	2 B
C05	0600396	0.0039μF } 50V M.C.	1 A
C06	0600396	0.0039μF } 50V M.C.	2 A
C07	0620681	680pF } 50V P.C.	2 A
C08	0620681	680pF } 50V P.C.	2 A
C09	0620681	680pF } 50V P.C.	2 A
C10	0620681	680pF } 50V P.C.	1 A
C11	0513479	4.7μF } 25V E.C.	1 A
C12	0513479	4.7μF } 25V E.C.	1 A
C13	0513479	4.7μF } 25V E.C.	2 B
C14	0513479	4.7μF } 25V E.C.	1 A
C15	0513479	4.7μF } 25V E.C.	1 A
C16	0513479	4.7μF } 25V E.C.	1 A
C17	0513479	4.7μF } 25V E.C.	1, 2 B
C18	0513479	4.7μF } 25V E.C.	1 A
C19	0513330	33μF } 25V E.C.	1 A
C20	0513330	33μF } 25V E.C.	2 B
C21	0600687	0.068μF } 50V M.C.	1 A
C22	0600687	0.068μF } 50V M.C.	1 B

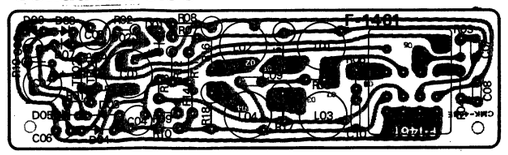
Parts No.	Stock No.	Description	Position
C23	0515109	1μF } 50V E.C.	1 C
C24	0515109	1μF } 50V E.C.	1 C
C25	0600567	0.056μF	1 B
C26	0600567	0.056μF	1 B
C27	0600567	0.056μF	1 C
C28	0600567	0.056μF	1 C
C29	0600107	0.01μF	1 B
C30	0600107	0.01μF	1 B
C31	0600337	0.033μF	1 C
C32	0600337	0.033μF } 50V M.C.	2 B
C33	0600226	0.0022μF	2 B C
C34	0600226	0.0022μF	1 C
C35	0600226	0.0022μF	1 C
C36	0600226	0.0022μF	2 C
C37	0600187	0.018μF	2 C
C38	0600187	0.018μF	2 C
C39	0519102	2.2μF } 50V E.C. (BRN)	2 C
C40	0519102	2.2μF } 50V E.C. (BRN)	2 C
C601	0660101	100pF 50V C.C.	
C602	0600337	0.033μF } 50V M.C.	2 A
C603	0600337	0.033μF } 50V M.C.	2 A
C604	0620471	470pF 50V P.C.	2 A
C605	0600687	0.068μF } 50V M.C.	2 A
C606	0600687	0.068μF } 50V M.C.	2 A
C607	0620471	470pF } 50V P.C.	2 A
C608	0620471	470pF } 50V P.C.	1 A
C609	0513330	33μF } 25V E.C.	1, 2 C
C610	0513330	33μF } 25V E.C.	2 C
C611	0660151	150pF 50V C.C.	2 C
C612	0519102	2.2μF 50V E.C. (E.L.R)	1 B
C613	0513100	10μF 25V E.C.	1 C
R01	0106224	220kΩ	2 A
R02	0106224	220kΩ	2 B
R03	0106684	680kΩ } ¼W C.R. (E.L.R)	1, 2 A
R04	0106684	680kΩ } ¼W C.R. (E.L.R)	2 B
R05	0106334	330kΩ	2 A
R06	0106334	330kΩ	2 B
R07	0107684	680kΩ ¼W C.R.	2 A

Parts No.	Stock No.	Description	Position
R08	0106684	680kΩ } ¼W C.R. (E.L.R)	2 B
R09	0106274	270kΩ } ¼W C.R. (E.L.R)	1 A
R10	0106274	270kΩ } ¼W C.R. (E.L.R)	1 A
R11	0106334	330kΩ } ¼W C.R. (E.L.R)	1, 2 B
R12	0106334	330kΩ } ¼W C.R. (E.L.R)	1 A
R13	0106124	120kΩ } ¼W C.R. (E.L.R)	1 A
R14	0106124	120kΩ } ¼W C.R. (E.L.R)	1 A
R15	0106124	120kΩ } ¼W C.R. (E.L.R)	1 B
R16	0106124	120kΩ } ¼W C.R. (E.L.R)	1 A
R17	0106334	330kΩ } ¼W C.R. (E.L.R)	1 B
R18	0106334	330kΩ } ¼W C.R. (E.L.R)	1 A
R19	0106394	390kΩ } ¼W C.R. (E.L.R)	1 A
R20	0106394	390kΩ } ¼W C.R. (E.L.R)	1 A
R21	0106124	120kΩ } ¼W C.R. (E.L.R)	1 B
R22	0106124	120kΩ } ¼W C.R. (E.L.R)	1 A, B
R23	0106124	120kΩ } ¼W C.R. (E.L.R)	1 B
R24	0107124	120kΩ } ¼W C.R.	1 B
R25	0107124	120kΩ } ¼W C.R.	1 B
R26	0107124	120kΩ } ¼W C.R.	1 B
R27	0107563	56kΩ } ¼W C.R.	1 B
R28	0107563	56kΩ } ¼W C.R.	1 B
R29	0107563	56kΩ } ¼W C.R.	1 C
R30	0107563	56kΩ } ¼W C.R.	1 C
R31	0106563	56kΩ } ¼W C.R.	1 C
R32	0106563	56kΩ } ¼W C.R.	1 C
R33	0106474	470kΩ } ¼W C.R. (E.L.R)	2 B
R34	0106474	470kΩ } ¼W C.R. (E.L.R)	2 B
R35	0106564	560kΩ } ¼W C.R. (E.L.R)	2 B
R36	0106564	560kΩ } ¼W C.R. (E.L.R)	2 B
R37	0113225	2.2MΩ } ¼W S.R.	1 B
R38	0113225	2.2MΩ } ¼W S.R.	1 B
R39	0113155	1.5MΩ } ¼W S.R.	1 C
R40	0113155	1.5MΩ } ¼W S.R.	1 C
R41	0106334	330kΩ ¼W C.R. (E.L.R)	1 C
R42	0107334	330kΩ ¼W C.R.	1, 2 C
R43	0106105	1MΩ } ¼W C.R. (E.L.R)	2 B
R44	0106105	1MΩ } ¼W C.R. (E.L.R)	1 B, C
R45	0106105	1MΩ } ¼W C.R. (E.L.R)	1 C
R46	0107105	1MΩ ¼W C.R.	2 C
R47	0106104	100kΩ } ¼W C.R. (E.L.R)	2 B
R48	0106104	100kΩ } ¼W C.R. (E.L.R)	1 B, C
R49	0106104	100kΩ } ¼W C.R. (E.L.R)	, 2 C
R50	0106104	100kΩ } ¼W C.R. (E.L.R)	2 C
R51	0106123	12kΩ } ¼W C.R. (E.L.R)	2 B, C
R52	0106123	12kΩ } ¼W C.R. (E.L.R)	2 C
R53	0106153	15kΩ } ¼W C.R. (E.L.R)	2 C
R54	0106153	15kΩ } ¼W C.R. (E.L.R)	2 C
R55	0106561	560Ω } ¼W C.R. (E.L.R)	2 C
R56	0106561	560Ω } ¼W C.R. (E.L.R)	2 C
R57	0106333	33kΩ } ¼W C.R. (E.L.R)	2 C
R58	0106333	33kΩ } ¼W C.R. (E.L.R)	2 C
R601	0106224	220kΩ } ¼W C.R. (E.L.R)	2 A
R603	0106682	6.8kΩ } ¼W C.R. (E.L.R)	2 A
R604	0106682	6.8kΩ } ¼W C.R. (E.L.R)	2 A
R605	0106333	33kΩ } ¼W C.R. (E.L.R)	2 A
R606	0106682	6.8kΩ } ¼W C.R. (E.L.R)	2 A
R607	0106682	6.8kΩ } ¼W C.R. (E.L.R)	2 A
R608	0106683	68kΩ } ¼W C.R. (E.L.R)	2 A
R609	0106683	68kΩ } ¼W C.R. (E.L.R)	2 A
R610	0106472	4.7kΩ } ¼W C.R. (E.L.R)	1 C
R611	0106272	2.7kΩ } ¼W C.R. (E.L.R)	1 C
R612	0106223	22kΩ } ¼W C.R. (E.L.R)	2 C
R613	0106103	10kΩ } ¼W C.R. (E.L.R)	1, 2 C
R614	0107272	2.7kΩ } ¼W C.R.	2 C
R615	0107104	100kΩ } ¼W C.R.	2 B

6-11. F-1461A Protector Circuit Board

(Stock No. 7592220 Complete Circuit Board F-1461A)

Conductor Side



Parts List

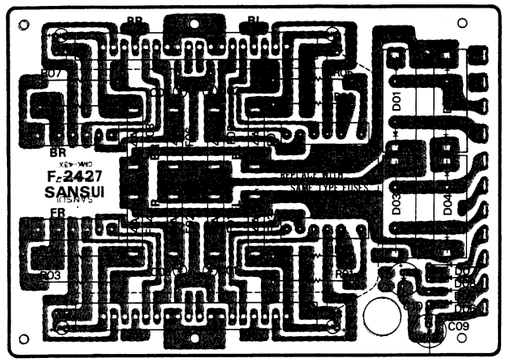
Parts No.	Stock No.	Description
TR01	0306132, 3	2SC1364 (7, 8) } Transistor
TR02	0306132, 3	2SC1364 (7, 8) } Transistor
D01	0310340	10D-1 } Diode
D02	0310340	10D-1 } Diode
D03	0310400	1N34A } Diode
D04	0310400	1N34A } Diode
D05	0310400	1N34A } Diode
D06	0310400	1N34A } Diode
D07	0310400	1N34A } Diode
D08	0310400	1N34A } Diode
L01	4290210	2.5μH Inductor Coil
L02	4290210	2.5μH Inductor Coil
L03	4290210	2.5μH Inductor Coil
L04	4290210	2.5μH Inductor Coil
RL601	1150101	MY4-00S-S4 Relay
C01	0515330	33μF 50V E.C.
C02	0510471	470μF 6.3V E.C.
C03	0515109	1μF 50V E.C.
C04	0530470	47μF } 6.3V BP.E.C.
C05	0530470	47μF } 6.3V BP.E.C.
C06	0535109	1μF 50V BP.E.C.
C07	0601108	0.1μF } 50V M.C.
C08	0601108	0.1μF } 50V M.C.
C09	0601108	0.1μF } 50V M.C.
C10	0601108	0.1μF } 50V M.C.
R01	0106100	10Ω ¼W C.R. (E.L.R)
R03	0111100	10Ω } ½W C.R.
R04	0111100	10Ω } ½W C.R.
R05	0111100	10Ω } ½W C.R.
R06	0111100	10Ω } ½W C.R.
R07	0106473	47kΩ } ¼W C.R. (E.L.R)
R08	0106473	47kΩ } ¼W C.R. (E.L.R)
R09	0106473	47kΩ } ¼W C.R. (E.L.R)
R10	0106473	47kΩ } ¼W C.R. (E.L.R)
R11	0106332	3.3kΩ } ¼W C.R. (E.L.R)
R12	0106332	3.3kΩ } ¼W C.R. (E.L.R)
R13	0106332	3.3kΩ } ¼W C.R. (E.L.R)
R14	0106332	3.3kΩ } ¼W C.R. (E.L.R)
R15	0111689	68Ω } ½W C.R.
R16	0111689	68Ω } ½W C.R.
R17	0111689	68Ω } ½W C.R.
R18	0111689	68Ω } ½W C.R.
R19	0106562	5.6kΩ ¼W C.R.

Abbreviations

C.R.	: Carbon Resistor	**BP.E.C.**	: Bi-Polar Electrolytic Capacitor
S.R.	: Solid Resistor	**C.C.**	: Ceramic capacitor
Ce.R.	: Cement Resistor	**Mi.C.**	: Mica Capacitor
M.R.	: Metallized Film Resistor	**O.C.**	: Oil Capacitor
M.C.	: Mylar Capacitor	**P.C.**	: Polystyrene Capacitor
E.C.	: Electrolytic Capacitor	**T.C.**	: Tantalum Capacitor

6-12. F-2427 Power Circuit Board
(Stock No. 7500930 Complete Circuit Board F-2427)

Conductor Side

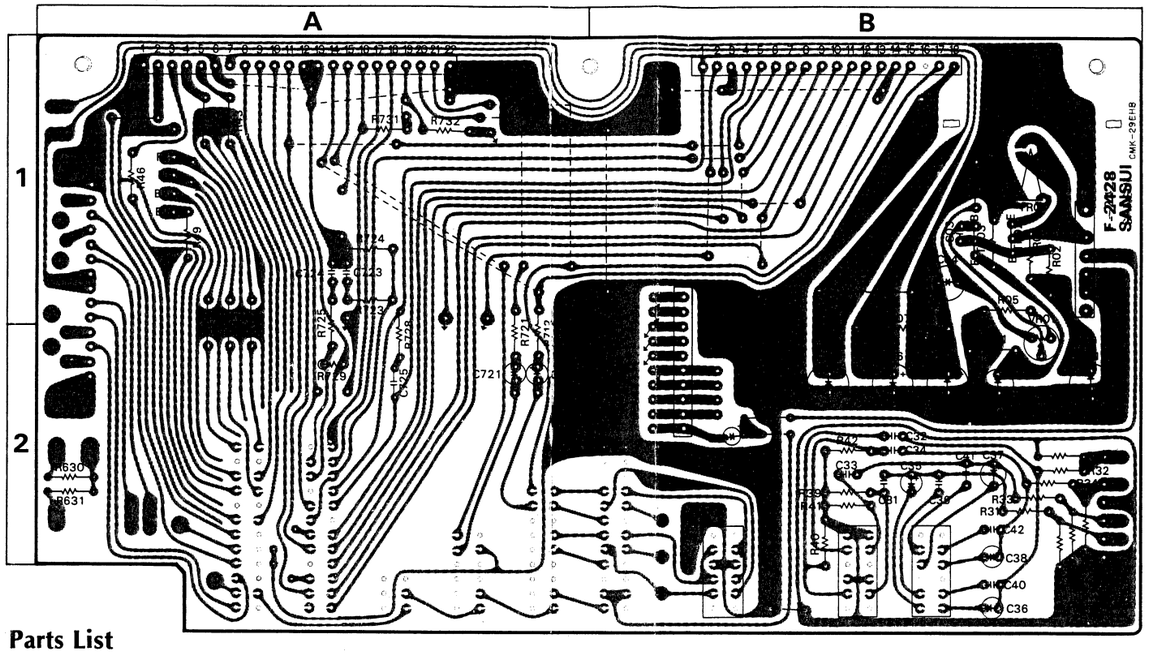


Parts List

Parts No.	Stock No.	Description	
D01	0311310	SS-5	Diode
D02	0311320	SS-5R	
D03	0311310	SS-5	
D04	0311320	SS-5R	
D05	0310340	10D-1	
D06	0310340	10D-1	
D07	0310340	10D-1	
D08	0310340	10D-1	
C01	0515109	1μF	
C02	0515109	1μF	
C03	0515109	1μF	
C04	0515109	1μF	
C05	0515109	1μF	50V E.C.
C06	0515109	1μF	
C07	0515109	1μF	
C08	0515109	1μF	
C09	0511471	470μF	10V E.C.
C10	0511471	470μF	
C901	0659011	0.01μF	500V C.C.
C902	0659011	0.01μF	
R01	0133338	0.33Ω	
R02	0133338	0.33Ω	
R03	0133338	0.33Ω	
R04	0133338	0.33Ω	
R05	0133338	0.33Ω	3W Ce.R.
R06	0133338	0.33Ω	
R07	0133338	0.33Ω	
R08	0133338	0.33Ω	
F01	0433630	4A	
F02	0433630	4A	
F03	0433630	4A	
F04	0433630	4A	
F05	0433630	4A	250V Quick Acting Fuse
F06	0433630	4A	
F07	0433630	4A	
F08	0433630	4A	

6-13. F-2428 Filter & Power Supply Circuit Board (Stock No. 7592210 Complete Circuit Board F-2428)

Conductor Side



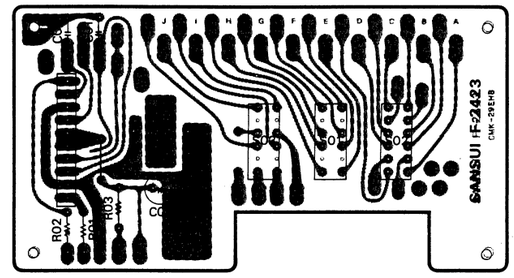
Parts List

Parts No.	Stock No.	Description		Position
TR01	0305830, 1	2SC1111 (R, O)	Transistor	1 B
TR02	0305930~2	2SC1211 (C, D, E)		1 B
TR03	0306130~2	2SC1364 (5, 6, 7)		1 B
ZD01	0315750	EQA-01-06R		2 B
C01	0515101	100μF 50V E.C.		2 B
C02	0511101	100μF 10V E.C.		2 B
C03	0669008	0.001μF 50V C.C.		1 B
C04	0515470	47μF	50V E.C.	1 B
C05	0515101	100μF		2 B
C06	0513221	220μF	25V E.C.	2 B
C07	0513221	220μF		2 B
C31	0601566	0.0056μF		2 B
C32	0601566	0.0056μF	50V M.C.	2 B
C33	0601566	0.0056μF		2 B
C34	0601566	0.0056μF		2 B
C35	0519101	1μF		2 B
C36	0519101	1μF	50V E.C. (BRN)	2 B
C37	0519101	1μF		2 B
C38	0519101	1μF		2 B
C39	0601157	0.015μF	50V M.C.	2 B
C40	0601157	0.015μF		2 B
C41	0601157	0.015μF	50V M.C.	2 B
C42	0601157	0.015μF		2 B
C601	0511331	330μF 10V E.C.		2 A
C721	0513100	10μF	25V E.C.	2 A
C722	0513100	10μF		2 A
C723	0600157	0.015μF		1 A
C724	0600227	0.022μF	50V M.C.	1 A
C725	0600567	0.056μF		2 A
R01	0107472	4.7kΩ		1 B
R02	0107472	4.7kΩ	¼W C.R.	1 B
R03	0107562	5.6kΩ		1 B

Parts No.	Stock No.	Description		Position
R04	0107223	22kΩ	¼W C.R.	1 B
R05	0107122	1.2kΩ		1 B
R06	0182181	180Ω	2W Ce.R.	1 B
R07	0182151	150Ω		1 B
R31, 32	0107103	10kΩ		2 B
R33, 34	0107103	10kΩ		2 B
R35, 36	0107224	220kΩ		2 B
R37, 38	0107224	220kΩ	¼W C.R.	2 B
R39, 40	0107224	220kΩ		2 B
R41, 42	0107224	220kΩ		2 B
R43, 44	0107101	100Ω		1 A
R45, 46	0107101	100Ω		1 A
R47, 48	0107101	100Ω	¼W C.R.	1, 2 A
R49, 50	0107101	100Ω		1A. 1,2 A
R601	0192829	8.2Ω	½W Fuse Resistor	
R620, 621	0107102	1kΩ	¼W C.R.	
R721	0107562	5.6kΩ		1, 2 A
R722	0107392	3.9kΩ		
R723	0107681	680Ω		1 A
R724	0107152	1.5kΩ	¼W C.R.	1 A
R725	0107471	470Ω		1, 2 A
R726	0107182	1.8kΩ		
R727	0107182	1.8kΩ		
R728	0107121	120Ω		1, 2 A
R729	0107563	56kΩ		2 A
R730	0107563	56kΩ		1 A
R731	0107563	56kΩ	¼W C.R.	1 A
R901, 902	0107824	820kΩ		
R903, 904	0107824	820kΩ		
VR01	1035350	4.7kΩ(B)	Semi-Variable Resistor (Solid Type)	1, 2 B

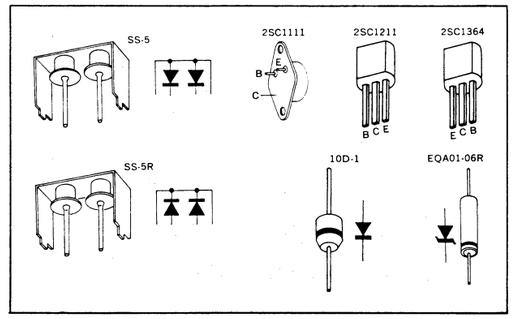
6-14. F-2423 Filter & Switch Circuit Board

Conductor Side



Parts List

Parts No.	Stock No.	Description	
C01	0657473	0.047μF	50V C.C.
C02	0657473	0.047μF	
C03	0515101	100Fμ	50V E.C.
C901	0660221	220pF	50V C.C.
C902	0660221	220pF	
R01	0107101	100Ω	¼W C.R.
R02	0107101	100Ω	
R03	0107101	100Ω	
S01	1130940	SUB3-4 (3 Stage) Push Switch	
S02	1130940		
S03	1130940		

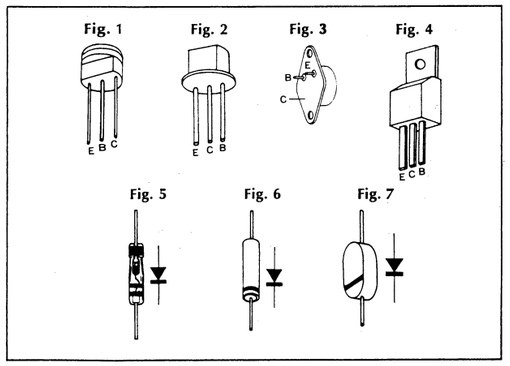


Abbreviations

C.R.	: Carbon Resistor	BP.E.C.	: Bi-Polar Electrolytic Capacitor
S.R.	: Solid Resistor	C.C.	: Ceramic capacitor
Ce.R.	: Cement Resistor	Mi.C.	: Mica Capacitor
M.R.	: Metallized Film Resistor	O.C.	: Oil Capacitor
M.C.	: Mylar Capacitor	P.C.	: Polystyrene Capacitor
E.C.	: Electrolytic Capacitor	T.C.	: Tantalum Capacitor

6-15. Interchangeability of Transistor and Diode

ORIGINAL		SUBSTITUTES		
Name	**Use**	**Name**	**Stock No**	**Figure**
2SC930	F-1519	2SC1047	0305800	1
2SC711	F-1507	2SC1000	0305880	2
2SC1111	F-2428	2SC793	0305450	3
2SC1211	F-2428	2SC1124	0305900	4
2SC945	F-2090	2SC1000	0305880	2
2SC1222	F-2090	2SC1000	0305880	2
2SC1111	Power	2SC793	0305450	3
IN60P	F-1507	IN34A(YEL)	0310401	5
IS2473	F-2088	IS953	0311050	6
10D-1	F-1461	S-1. 5-02	0310960	7



Abbreviations

C.R.	: Carbon Resistor	**BP.E.C.**	: Bi-Polar Electrolytic Capacitor
S.R.	: Solid Resistor	**C.C.**	: Ceramic capacitor
Ce.R.	: Cement Resistor	**Mi.C.**	: Mica Capacitor
M.R.	: Metallized Film Resistor	**O.C.**	: Oil Capacitor
M.C.	: Mylar Capacitor	**P.C.**	: Polystyrene Capacitor
E.C.	: Electrolytic Capacitor	**T.C.**	: Tantalum Capacitor

6-16. Other Parts (Top Side)

Parts List

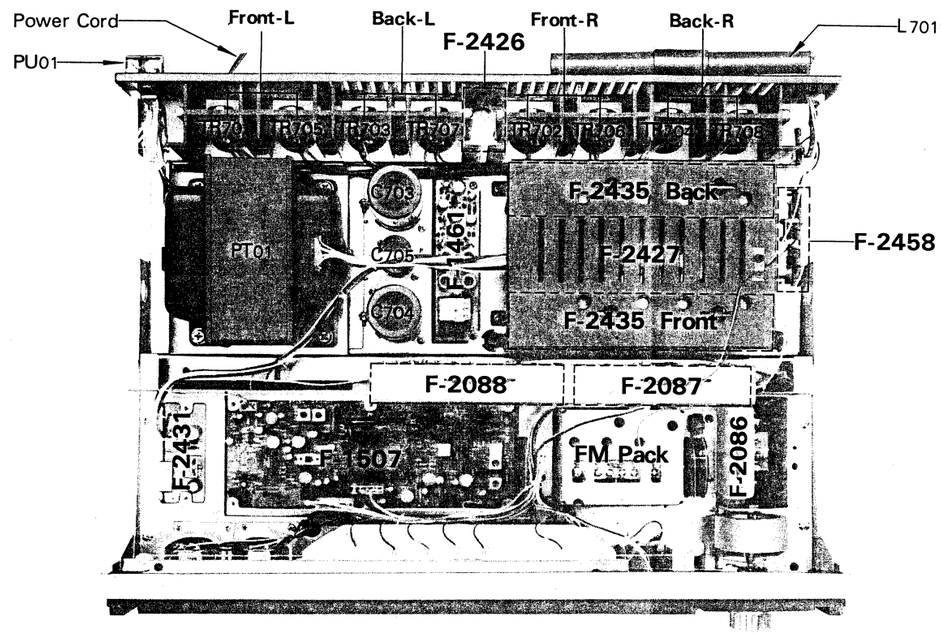
Parts No.	Stock No.	Description
TR701	0305830~2	2SC1111 (R, O, Y) } Transistor
TR702	0305830~2	2SC1111 (R, O, Y)
TR703	0305830~2	2SC1111 (R, O, Y)
TR704	0305830~2	2SC1111 (R, O, Y)
TR705	0305830~2	2SC1111 (R, O, Y)
TR706	0305830~2	2SC1111 (R, O, Y)
TR707	0305830~2	2SC1111 (R, O, Y)
TR708	0305830~2	2SC1111 (R, O, Y)
L701	5266041	Holder, Bar Antenna
	4200680	Bar Antenna (ARS-28A)
C703	0559360	10000μF } 50V E.C.
C704	0559360	10000μF
C705	0559590	1000μF 63V E.C.
PT01	4002150	Power Transformer
PU01	2410080	Voltage Selector, socket
	2410090	Voltage Selector, plug
	3800020	Power Cord
		F-2426 Protector Circuit Board
TS701	0320110	TS3-85 Thermistor
R01	0107223	22kΩ } ¼W C.R.
R02	0107823	82kΩ

6-17. Other Parts (Bottom Side)

Parts List

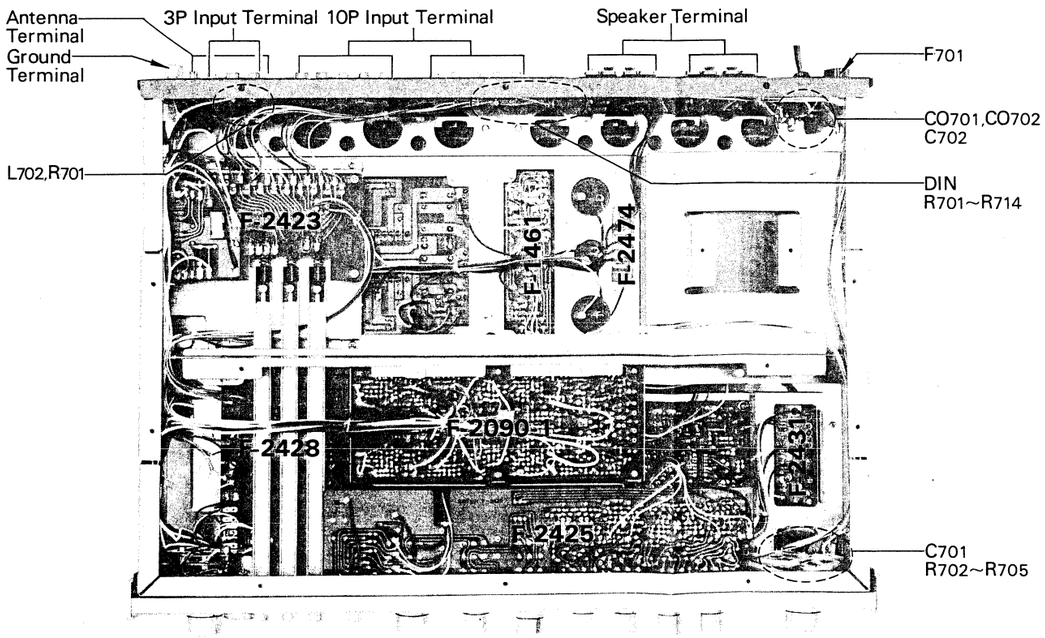
Parts No.	Stock No.	Description
L702	4290021	75 : 300Ω FM Balun
C701	0605337	0.033μF } 250V Me.C.
C702	0605476	0.0047μF
R701	0107122	1.2kΩ ¼W C.R.
R702	0171391	390Ω } 1 W M.R.
R703	0171391	390Ω
R704	0171391	390Ω
R705	0171391	390Ω
R711	0107224	220kΩ } ¼W C.R.
R712	0107224	220kΩ
R713	0107104	100kΩ
R714	0107104	100kΩ
F701	0431300, 2	7A (100~117V) } Power Fuse
	0431270, 2	4A (220~240V)
	2300060	Fuse Holder
CO701	2450060	} AC Outlet
CO702	2450060	
	2430040	DIN Connector
	2200350	10P Input Terminal
	2200400	3P Input Terminal
	2210190	Antenna Terminal
	2290100	Speaker Terminal
	2230050	Ground Terminal

Top Side

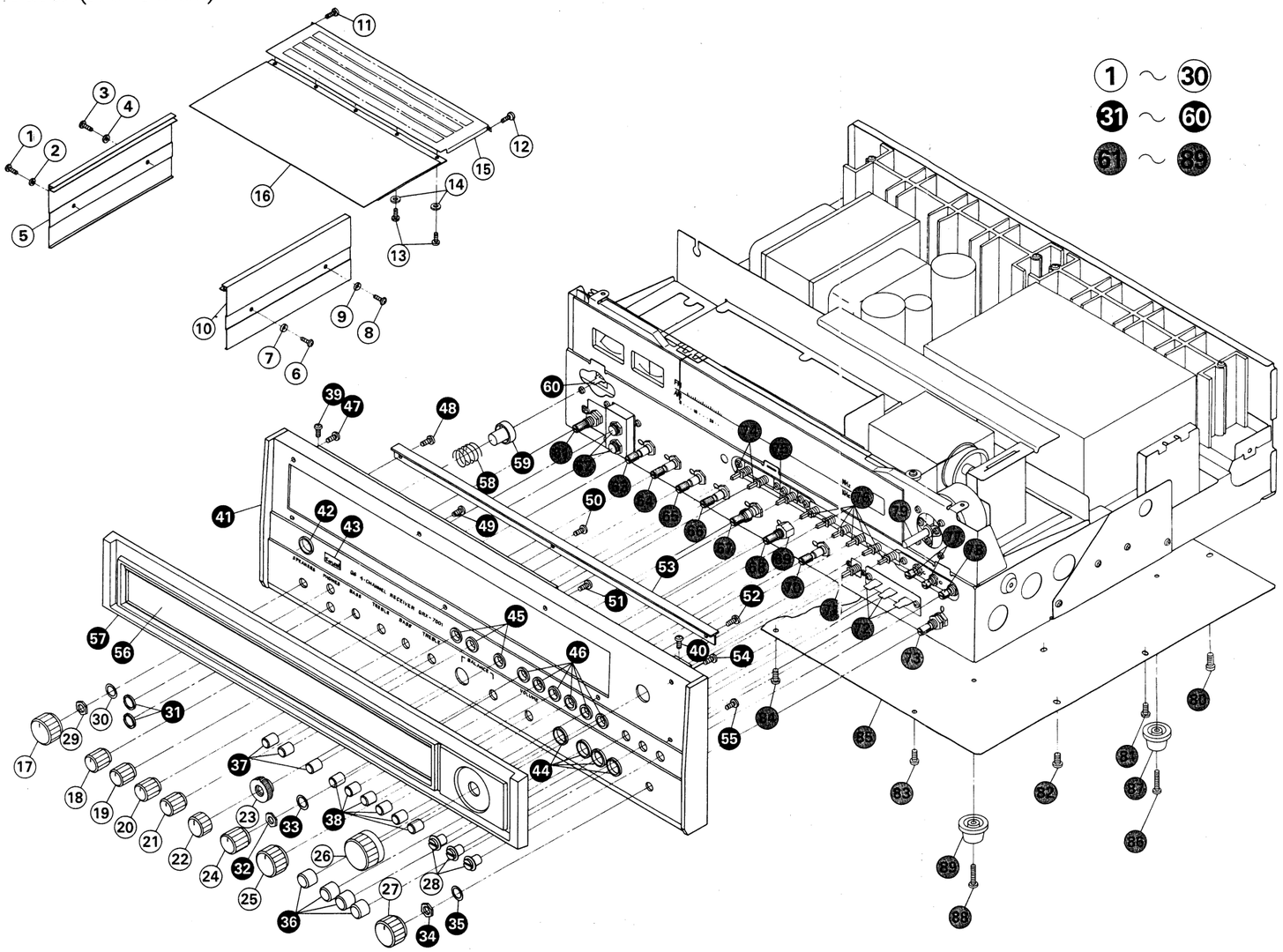


2SC1111
E
B
C

Bottom Side



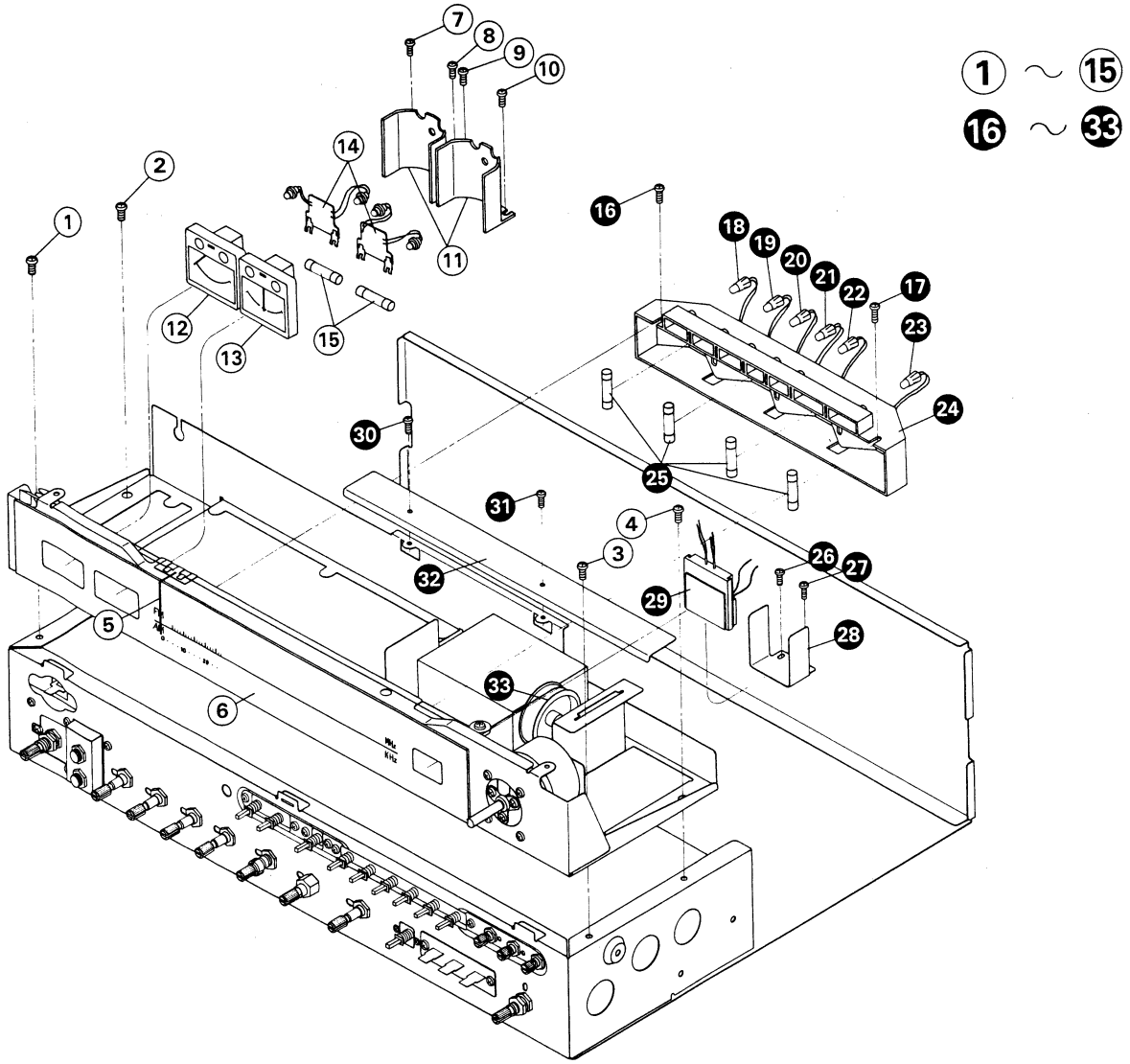
6-18. Other Parts (Front Side)



Parts List (Section 1)

Parts No.	Stock No.	Description
1	5104162	Oval Countersunk Head Screw, M4×8
2	5123060	Corrugated Washer, M4ϕ
3	5104162	Oval Countersunk Head Screw, M4×8
4	5123060	Corrugated Washer, M4ϕ
5	5309400	Side Panel
6	5104162	Oval Countersunk Head Screw, M4×8
7	5123060	Corrugated Washer, M4ϕ
8	5104162	Oval Countersunk Head Screw, M4×8
9	5123060	Corrugated Washer, M4ϕ
10	5309400	Side Panel
11	5109222	Binding Head Tapping Screw, 3×8
12	5109222	Binding Head Tapping Screw, 3×8
13	5101063	Binding Head Screw, M4×10
14	5120162	Washer, M4ϕ
15	5058250	Top Cover (Metal)
16	5726880	Top Cover (Wood)
17	5317730	M-3 Type Knob, SPEAKERS
18	5318060	S-8 Type Knob, BASS volume
19	5318060	S-8 Type Knob, TREBLE volume
20	5318060	S-8 Type Knob, BASS volume
21	5318060	S-8 Type Knob, TREBLE volume
22	5317760	W1-2 Type Knob, BALANCE volume (Front)
23	5317671	W0-1 Type Knob, BALANCE volume (Back)
24	5317740	S-3 Type Knob, BALANCE volume
25	5317730	M-3 Type Knob, VOLUME
26	5318051	T-9 Type Knob, TUNING
27	5317730	M-3 Type Knob, SELECTOR
28	5318030	Knob, CD-4 volume
29	5110781	Hex. Nut, M9
30	5120184	Plain Washer, M9ϕ
31	5176052	Nut, Jack
32	5110781	Hex. Nut, M9
33	5120184	Plain Washer, M9ϕ.
34	5110781	Hex. Nut, M9
35	5120184	Plain Washer, M9ϕ
36	5326490	Push Button
37	5326430	Push Button
38	5326430	Push Button
39	5102543	Flat Countersunk Head Screw, M3×6
40	5102543	Flat Countersunk Head Screw, M3×6
41	7007010	Front Panel Ass'y
42	5186270	Knob Ring
43	5336500	Mark, Sansui
44	5396190	Knob Ring
45	5396200	Knob Ring
46	5396200	Knob Ring
47	5109122	Binding Head Tapping Screw, 3×8
48	5109122	Binding Head Tapping Screw, 3×8
49	5109122	Binding Head Tapping Screw, 3×8
50	5109122	Binding Head Tapping Screw, 3×8
51	5109122	Binding Head Tapping Screw, 3×8
52	5109122	Binding Head Tapping Screw, 3×8
53	5286010	Stopper, Grass Plate
54	5109122	Binding Head Tapping Screw, 3×8
55	5109122	Binding Head Tapping Screw, 3×8
56	5047780	Grass Plate
57	5309390	Frame, Grass Plate
58	6906031	Spring, POWER Switch
59	7106083	Push Button, POWER Switch
60	1130350	Push Switch, POWER
61	1102580, 1	Rotary Switch Y-2-4-4, SPEAKERS
62	2430200	Headphone Jack
63	1010930, 1	100kΩ (B)×2, BASS Volume
64	1010930, 1	100kΩ (B)×2, TREBLE Volume
65	1010930, 1	100kΩ (B)×2, BASS Volume
66	1010930, 1	100kΩ (B)×2, TREBLE Volume
67	1060350, 1	250kΩ (MN)×4, BALANCE Volume (Dual Shaft VR)
68	1060360, 1	250kΩ (MN)×4, BALANCE Volume
69	5236450	Spacer Nut, M8×11, 5
70	1060340, 1	250kΩ (B)×4, VOLUME
71	1130960	Push Switch, LOUDNESS
72	1130940	Push Switch (3 Stage), TAPE MON. AUX
73	1102600, 1	Rotary Switch Y-2-5-4, SELECTOR
74	1130950	Push Switch (2 Stage), LOW, HIGH
75	1130970	Push Switch, PLUS BACK
76	1130930	Push Switch (6 Stage), FUNCTION
77	1005180	50kΩ (C), CD-4 SEPARATION Volume
78	1015120	10kΩ (B), CD-4 CARRIER LEVEL volume
79	7036361	Tuning Ass'y
80	5101161	Binding Head Screw, M4×6
81	5101161	Binding Head Screw, M4×6
82	5101161	Binding Head Screw, M4×6
83	5101161	Binding Head Screw, M4×6
84	5101161	Binding Head Screw, M4×6
85	5058240	Bottom Plate
86	5100665	Binding Head Tapping Screw, 4×16
87	5516821	Foot
88	5100665	Binding Head Tapping Screw, 4×16
89	5516821	Foot

6-19. Other Parts (Front Side)

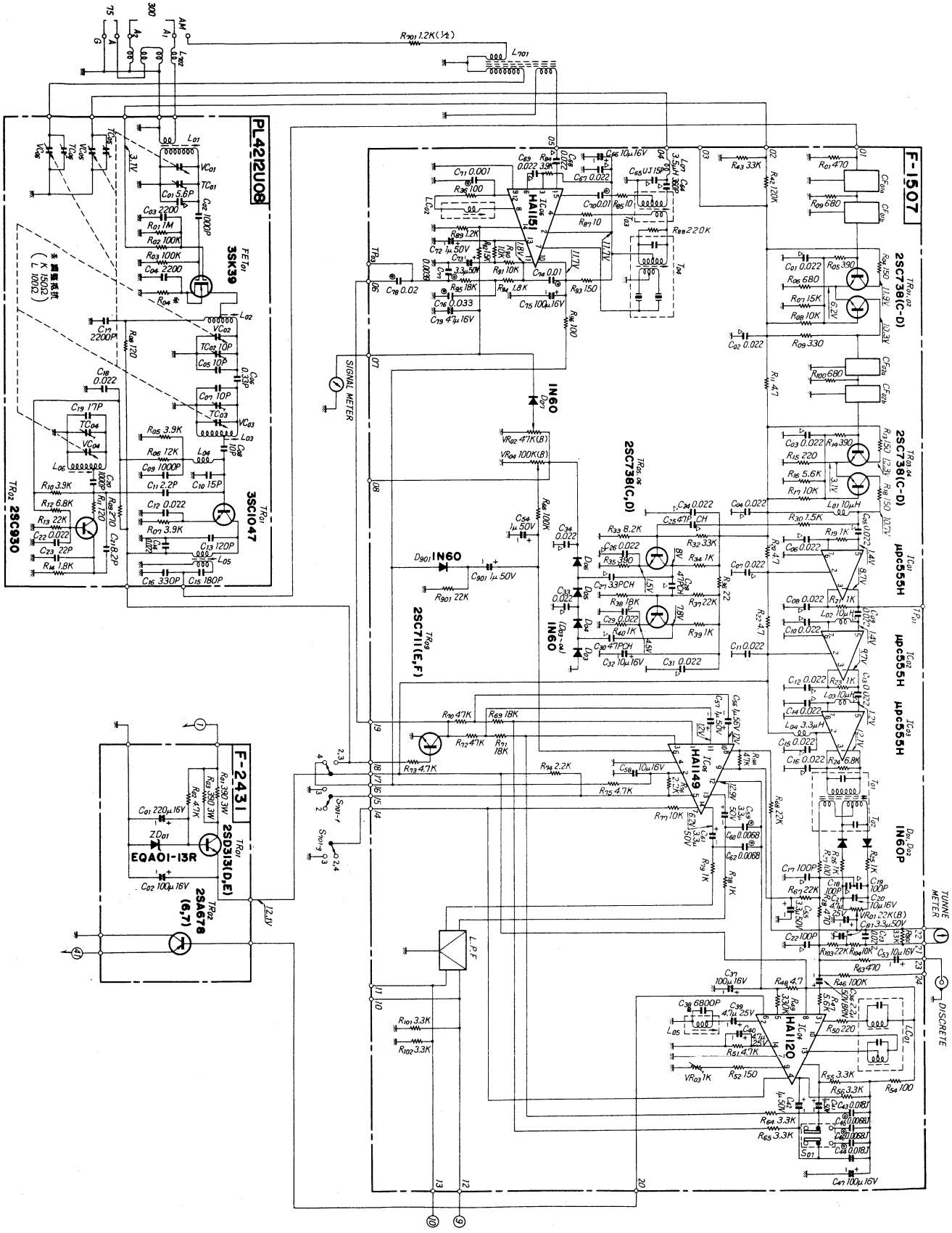


Parts List (Section 2)

Parts No.	Stock No.	Description
1	5101061	Binding Head Screw, M4×6
2	5101061	Binding Head Screw, M4×6
3	5101061	Binding Head Screw, M4×6
4	5101061	Binding Head Screw, M4×6
5	5516030	Teflon Sheet
	5416390	Dial Pointer
6	5407772	Dial Scale
7	5166460	Washer Head Tapping Screw, 3×8
8	5166460	Washer Head Tapping Screw, 3×8
9	5166460	Washer Head Tapping Screw, 3×8
10	5166460	Washer Head Tapping Screw, 3×8
11	5269330	Holder, Meter
12	4300610, 1	SIGNAL Meter
13	4300600, 1	TUNE Meter
14	7726060	Meter Lamp Unit
15	0420040	Fuse Type Lamp (7V 300mA)
16	5166460	Washer Head Tapping Screw, 3×8

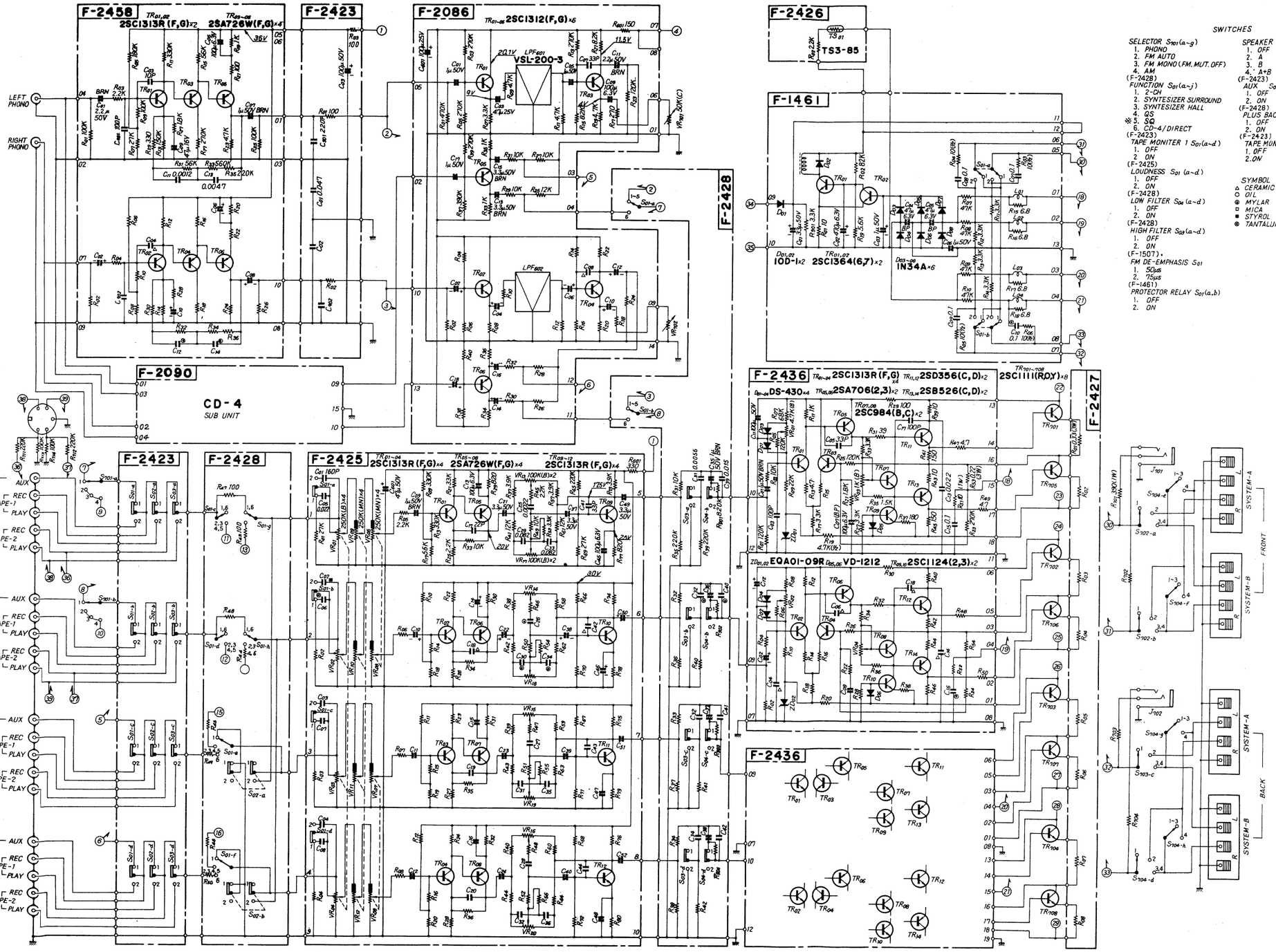
Parts No.	Stock No.	Description
17	5166460	Washer Head Tapping Screw, 3×8
18	0400310	Lead Type Lamp (7V 100mA), FM STEREO INDICATOR
19	0400340	Lead Type Lamp (7V 100mA), HALL
20	0400340	Lead Type Lamp (7V 100mA), SURROUND
21	0400340	Lead Type Lamp (7V 100mA), QS
22	0400340	Lead Type Lamp (7V 100mV), ※ SQ
23	0400390	Lead Type Lamp (6V 30mA), CD-4
24	5066211	Illuminator Box
26	5109122	Binding Head Tapping Screw, 3×8
27	5109122	Binding Head Tapping Screw, 3×8
28	5266812	Holder, digital indicator
29	7726110	Digital Indicator
30	5109122	Binding Head Tapping Screw, 3×8
31	5109122	Binding Head Tapping Screw, 3×8
32	5286030	Holder, Driver Circuit Board
33	6146651	Dial Pully (D44ϕ)

7. SCHEMATIC DIAGRAM OF TUNER SECTION



8. SCHEMATIC DIAGRAM OF AUDIO SECTION

* Design and specifications subject to change without notice for improvements.



SWITCHES

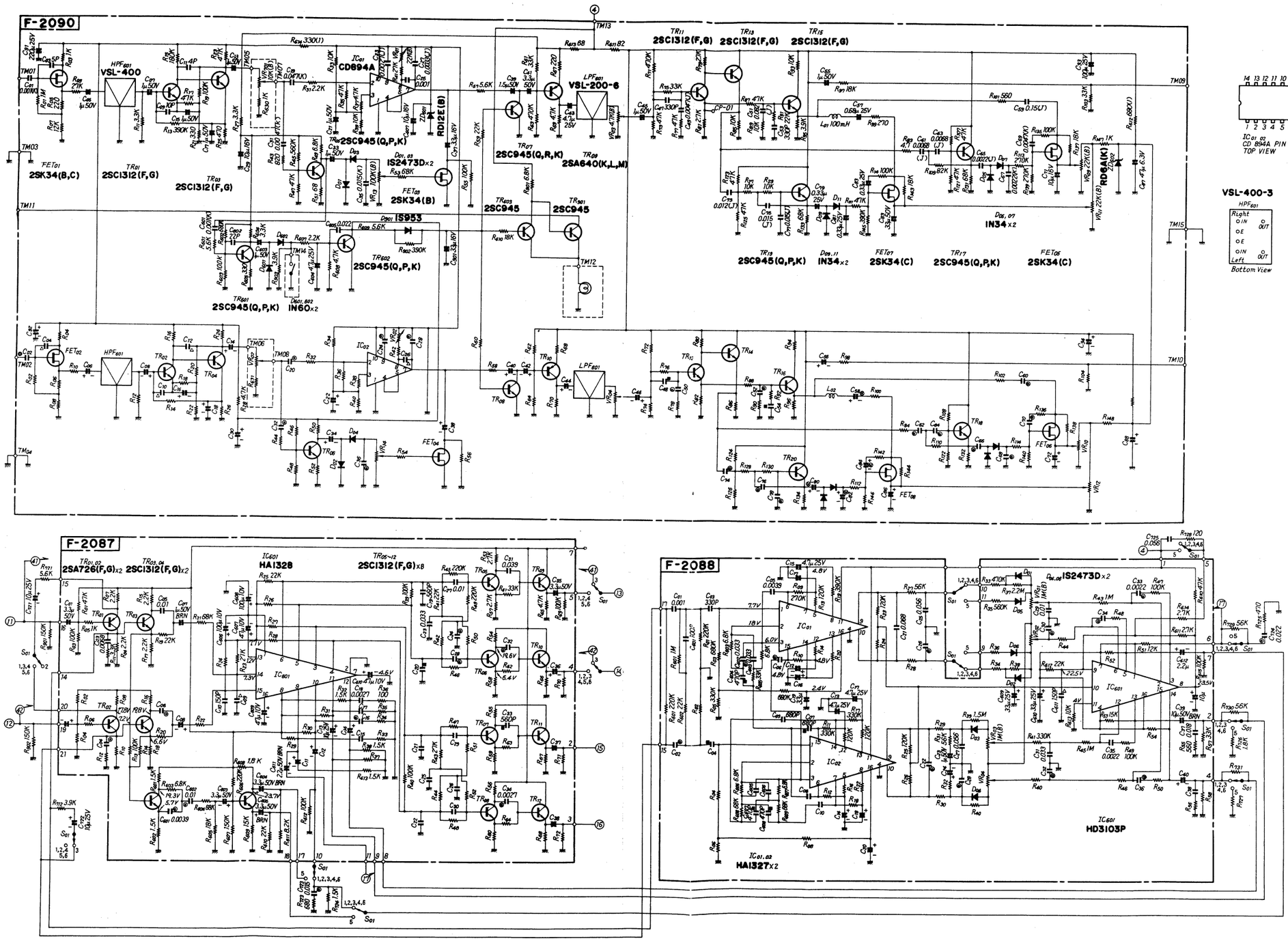
SELECTOR $S_{901}(a\sim g)$
1. PHONO
2. FM AUTO
3. FM MONO (FM. MUT. OFF)
4. AM
(F-2428)
FUNCTION $S_{01}(a\sim j)$
1. 2-CH
2. SYNTESIZER SURROUND
3. SYNTESIZER HALL
4. QS
※5. SQ
6. CD-4/DIRECT
(F-2423)
TAPE MONITER 1 $S_{01}(a\sim d)$
1. OFF
2. ON
(F-2425)
LOUDNESS S_{01} (a-d)
1. OFF
2. ON
(F-2428)
LOW FILTER $S_{04}(a\sim d)$
1. OFF
2. ON
(F-2428)
HIGH FILTER $S_{03}(a\sim d)$
1. OFF
2. ON
(F-1507)
FM DE-EMPHASIS S_{01}
1. 50μs
2. 75μs
(F-1461)
PROTECTOR RELAY $S_{01}(a,b)$
1. OFF
2. ON

SPEAKER $S_{702}(a\sim h)$
1. OFF
2. A
3. B
4. A+B
(F-2423)
AUX $S_{03}(a\sim d)$
1. OFF
2. ON
(F-2428)
PLUS BACK $S_{02}(a,b)$
1. OFF
2. ON
(F-2423)
TAPE MONITER 2 $S_{03}(a\sim d)$
1. OFF
2. ON

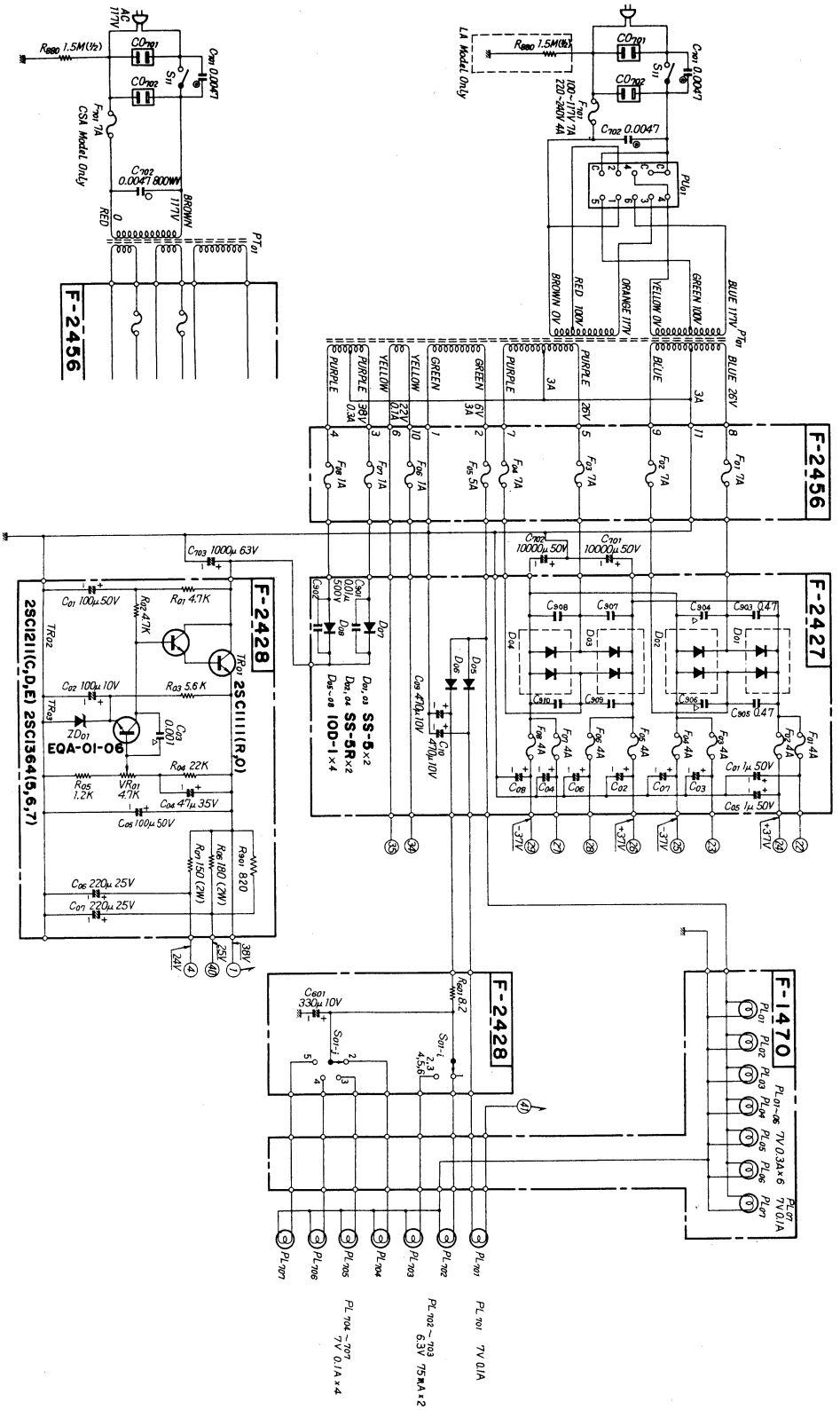
SYMBOL
△ CERAMIC
○ OIL
⊕ MYLAR
□ MICA
■ STYROL
⊗ TANTALUM

9. SCHEMATIC DIAGRAM OF 4-CH SECTION

* Design and specifications subject to change without notice for improvements.

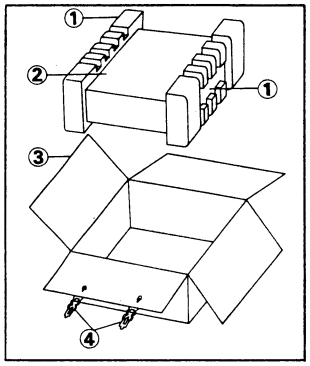


10. SCHEMATIC DIAGRAM OF POWER SUPPLY SECTION



11. PACKING LIST

Parts No.	Stock No.	Description
1	9027831	Stylofoam Packing
2	9116631	Vinyl Cover
3	9008170	Carton Case
4	5996080	Curl Stopper



12. ACCESSORY PARTS LIST

Stock No.	Description
3820091	FM Antenna
0433630	4A 250V Quick Acting Fuse
9208400	Operating Instructions
9228400	Operating Instruction Sheet
9416010	CD-4 Adjustment Record

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Printed in Japan (O4730M)